

Amb-OS User Interface Software Manual



Amb-OS Media, LLC
Amb-OS User Interface Revision 20
(Windows version)
AMR-100 Receiver Firmware Revision 2.35

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NOTE

As of this version of software, only one receiver can be controlled by the Amb-OS User Interface software on a single PC. With multiple receivers, each receiver needs a separate computer controlling the individual receiver.

WARNING

One AMR-100 receiver can be controlled by multiple Amb-OS User Interface programs on different computers, but without proper precautions, unpredictable results can be experienced. See [Multiple Amb-OS User Interface Instances](#) in the [Appendix](#).

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AMB-OS USER INTERFACE INTRODUCTION

The Amb-OS User Interface works with the Amb-OS [AMR-100](#) receiver to get satellite and Internet delivered programs to automation systems or directly to the air chain quickly, conveniently and without user intervention. [Transfers](#) can be done [automatically](#), [scheduled](#) or [manually](#). Programs can also be [played](#) just like a live program directly to the air chain or for recording.

Methods of retrieving programs:

1. [Playlists](#) allow programs to air or record directly from the [AMR-100](#) receiver.
2. Programs can be transferred from the [AMR-100](#) to a local computer for playing on an automation system in the following ways:
 - Programs can be transferred as [soon as they arrive](#)
 - Programs can be transferred on a [schedule](#)
 - Programs can be transferred [manually](#)
3. When files are transferred, they can also be [renamed](#) and [converted](#) to a WAV format regardless of the method of transfer. The [default file format](#) is MP2.

[Transfer Options](#)

NOTE

The Amb-OS User Interface copies programs from the receiver to a local hard disk and leaves the original file on the [AMR-100](#). However, “transfer” will be used to refer to the process of copying programs.

- [Miscellaneous transfers](#) automatically transfer and rename programs as soon as they arrive.
- [Rename Files](#) schedule transfers and rename programs.
- [Manual transfers](#) transfer programs when desired.

WARNING

Program transfers require the computer running the Amb-OS User Interface remain on and running the Amb-OS User Interface.

[Playing programs](#) from the [AMR-100](#) does not require the computer running the Amb-OS User Interface to be running.

After creating and transferring a [playlist](#) to the [AMR-100](#), programs play automatically without any user intervention. With no [file transfers](#) used, the Amb-OS User Interface can be used for just creating or editing the [playlist](#).

The Amb-OS User Interface also has two log windows (the [Activity Log](#) and [Status Window](#)) to help troubleshoot problems and, more importantly, display the status of programs being received and [transferred](#). The most active window is the [Activity Log](#), because it shows which programs have arrived and whether they were [transferred](#).

INSTALLATION

Download the [Amb-OS User Interface](http://www.Amb-OS.com/support.html) from <http://www.Amb-OS.com/support.html>. Click on the link for [User Interface Software](#) and save the file. Run the Amb-OS User Interface [installation program](#).



The [installation](#) process automatically installs the Amb-OS icon on the desktop. Double click on the icon labeled “Amb-OS Interface” to run the Amb-OS User Interface.

The [Appendix](#) has detailed instructions for [downloading](#) and [installing](#) the Amb-OS User Interface software.

WARNING

With Windows® 8, do not use compatibility mode when installing the Amb-OS User Interface. This can cause the program to not function properly.

PROGRAM OPERATION

After [installing](#) the Amb-OS User Interface (see [Installation Details](#) in the [Appendix](#)), the [Initial settings](#) ([System information](#) and [file renames](#)) need to be configured before running the Amb-OS User Interface for the first time. The [Initial settings](#) can be imported from a [local file](#), [the receiver](#) and from the [Ambassador FTP site](#) (see [Initial Settings](#) in the [Appendix](#)). If no import file is used the settings have to be set [manually](#).

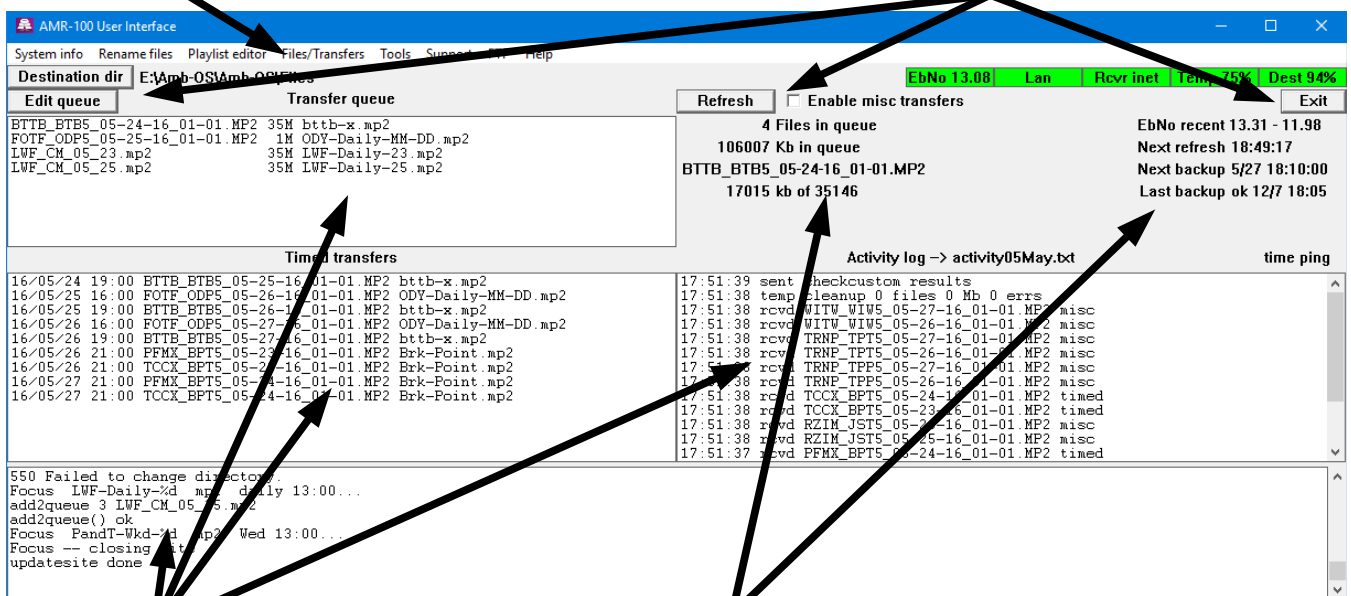
The [rename](#) section [defines the name](#) of a program when the Amb-OS User Interface transfers a program from the AMR-100. The [playlist](#) section creates a playlist for the AMR-100 so programs [playback](#) at a specific time.

[Exit](#) terminates the Amb-OS User Interface after three seconds and confirming the desire to exit.

The main sections of the Amb-OS User Interface are:

[Top Menu](#)

[Buttons](#)



[Windows](#)

[Messages](#)

Top Menu

Items

- **System info:** Opens the receiver information dialog box to change settings.
- **Rename files:** Opens the [File Rename](#) box to change program names when transferring them.
- **Playlist editor:** Opens the [Playlist Editor](#) box to build a [playlist](#).
- **Files/Transfers:** Opens the program transfers box and allows doing [manual](#) transfers.
- **Tools:** Utilities to allow checking the status of the Amb-OS User Interface and programs.
- **Support:** Utilities used by Amb-OS support personnel to troubleshoot issues.
- **FTP:** Configures the Amb-OS User Interface to [download programs](#) from FTP sites.
- **Help:** Brings up the [help window](#) and shows the current version of the Amb-OS User Interface.

System Info

Configures the settings for the Amb-OS User Interface.

[Receiver Parameters](#)

[Program Update](#)

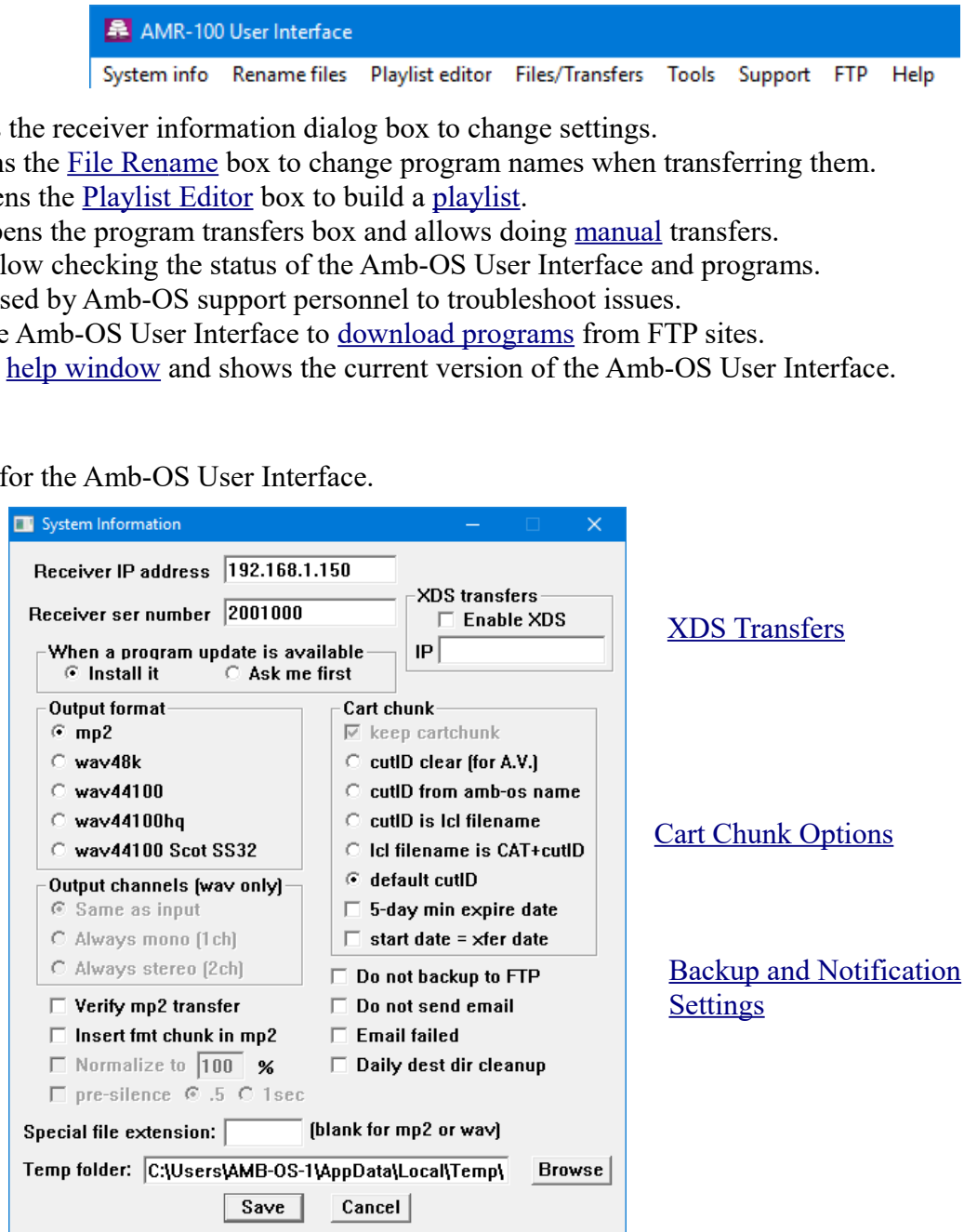
[Output Format](#)

[Output Channels](#)

[Transfer Options](#)

[Special File Extensions](#)

[Temp Folder](#)



[XDS Transfers](#)

[Cart Chunk Options](#)

[Backup and Notification Settings](#)

[Save/Cancel](#)

The Amb-OS User Interface can [export the settings](#) to a desired file, but the settings are automatically uploaded to the Amb-OS FTP site and to the [AMR-100](#) receiver. If the Amb-OS User Interface does not have an Internet connection, be sure to check [Do not backup to FTP](#) in the [System information](#) settings.

Receiver Parameters

Receiver IP address	192.168.1.150
Receiver ser number	2001000

The [IP Address and serial number](#) can be obtained from the front panel of the [AMR-100](#). [View the settings](#) and verify them in the dialog box.

See [Retrieving the AMR-100 Settings](#) in the [Appendix](#) for a detailed description on displaying the [AMR-100](#) settings.

Program Update Option

Updates can either be installed automatically or prompted by the Amb-OS User Interface for immediate installation or manually update it at a later time.

When a program update is available
<input checked="" type="radio"/> Install it <input type="radio"/> Ask me first

Options

Install it: Automatically updates the Amb-OS User Interface (preferred).

Ask me first: Prompts for permission to install the update immediately or at a later time.

To insure proper functioning of the Amb-OS User Interface, select “Install it” to avoid having issues in transferring programs.

NOTE

If the setting for the program updates is set to Install it, the Amb-OS User Interface automatically installs the update and keeps the settings from the previous version when restarting the program.

Output format

Transferred programs can be converted to a WAV format or left as the [default Amb-OS MP2 format](#).

Output format
<input checked="" type="radio"/> mp2
<input type="radio"/> wav48k
<input type="radio"/> wav44100
<input type="radio"/> wav44100hq
<input type="radio"/> wav44100 Scot SS32

Options

mp2: Leaves the program in its [native format](#) (48K, MP2 encoding) and just transfers the program using the specified name in the [Renaming Files](#). With the MP2 format, the [Cart Chunk](#) data can be manipulated, but not cleared. Some automation systems require changes to the [Cart Chunk](#) information, for example, some Audio Vault® systems need to have the [Cut ID cleared](#) box checked in the [Cart chunk](#) section. Using the MP2 format, the file [extension](#) can be changed, but the [Output channels](#) cannot be changed.

Wav48K: Leaves the program in its [native 48K](#) encoding, but converts it to a WAV file. When converting to a WAV format, the program can be changed [to mono from stereo](#) or [dual channel from mono](#) or left as the original format using the [Output channels](#). The [Cart Chunk](#) options can be manipulated, but not cleared

wav44100: Converts the program to WAV at 44.1K. This takes less time, but it also allows changing the [Output Channels](#). The [Cart Chunk](#) data can be cleared and manipulated.

Wav44100hq: Also converts the MP2 format to WAV, but it takes longer due the calculations done during on the conversion. The [Output Channels](#) can be changed and the [Cart Chunk](#) data can be cleared and manipulated.

wav44100 Scot SS32: Converts the MP2 program to a WAV format compatible with some Scott Studios® automation systems by inserting the Scott Chunk header. These Scott Studios® systems only take a 44.1K WAV formatted program, but the other WAV options, [Output Channels](#), [Normalize](#) and [pre-silence](#) can be modified. The [Cart Chunk](#) data is automatically cleared.

NOTE

The [Cart Chunk](#) options cannot be used to keep a program compatible with the Scott Chunk header format.

The Amb-OS User Interface takes the program name and start date from the program's default [Cart Chunk](#) information. The Amb-OS User Interface puts the name and the air date in the MP2 program's [Cart Chunk](#) for the Scott Chunk. The end date is set to "never end."

The Scott Chunk cut number comes from the [Local Pattern](#) in the [Rename Files](#) settings. To insure a proper cut number, the [renamed](#) file should be SP####. The Amb-OS User Interface takes the "####" as the cut number. Any pattern without four digits causes the Amb-OS User Interface to use 9999 as the cut number.

The Amb-OS User Interface records the Scott Chunk information in the [Status Messages](#) window and to verify the Scott Chunk data.

Output channels

Allows a WAV formatted program to be stereo, mono or left as the program's native setting. The output channel options are disabled when the output format is MP2. Any [WAV conversion](#) enables the output channel options.

Output channels (wav only)

- Same as input
- Always mono (1ch)
- Always stereo (2ch)

Options

Same as input: Keeps program in its original format. (default)

Always stereo (2ch): Converts a mono program to a dual mono format and leaves a stereo program unchanged.

Always mono (1ch): Mixes a stereo program to one channel and leaves a mono program unchanged.

Output channels (wav only)

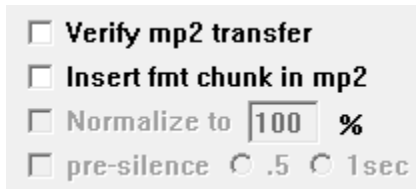
- Same as input
- Always mono (1ch)
- Always stereo (2ch)

NOTE

A program in its [native MP2 format](#), cannot have the output channels changed.

Transfer Options

Verify mp2 transfer: If programs are playing or transferring incorrectly, use Verify mp2 transfer to have the Amb-OS User Interface check programs for errors while transferring regardless of the [Output Format](#) selected. The MP2 verify significantly increases transfer times. Clear it after the problem has been identified to restore the original transfer times.



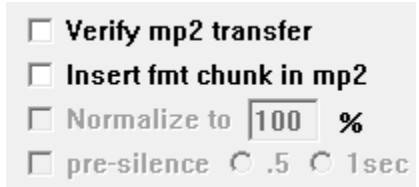
Verify mp2 transfer
 Insert fmt chunk in mp2
 Normalize to %
 pre-silence .5 1sec

Normally, the Amb-OS User Interface attempts to repair a program three times. After the third attempt fails, the program transfers to have a program with a glitch rather than no program at all.

NOTE

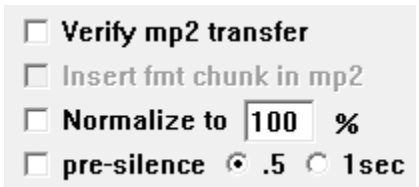
Normally, leave Verify mp2 transfer unchecked, because having this option checked increases the program transfer time. If the transfer time is not an issue, the option can be left enabled.

Insert fmt chunk in mp2: Only the MP2 format can have the “bext,” “mext,” and “fmt” chunks in to the [Cart Chunk](#) data fields to create the [Broadcast Wave Format](#) (BWF). Some automation systems use the [BWF](#) format instead of using WAV files. To create the [BWF format](#), select this option, set the [Special file extension](#) to WAV and leave the [format](#) as MP2.



Verify mp2 transfer
 Insert fmt chunk in mp2
 Normalize to %
 pre-silence .5 1sec

Normalize to __%: If converting a program to any WAV formats, the overall volume can be increased or decreased from 10% of dBfs to 100% of dBfs. Only enter whole numbers (90.5 becomes 90). [Amb-OS programs](#) have the volume normalized at -6 dBfs or 50% of full volume.



Verify mp2 transfer
 Insert fmt chunk in mp2
 Normalize to %
 pre-silence .5 1sec

Pre-Silence: A pad of silence can be added to a WAV [format](#). To pad the silence to the beginning of the program, check the “pre-silence” box and select either the “.5” or “1” sec option.



pre-silence .5 1sec

Special file extension

Leave the Special file extension box blank to preserve the default extension of a file (“.MP2” or “.WAV”).



Special file extension: (blank for mp2 or wav)

The extension of all programs can be changed regardless of the selected [format option](#) (MP2 or WAV) except for MP3 files transferred using [FTP](#). If an automation system requires an extension like AFE, put AFE in extension box. All programs will have the extension “AFE” with the name specified in the [Rename Files](#) (*filename.AFE*).



Special file extension: (blank for mp2 or wav)

Automation systems using the [Broadcast Wave Format](#) (BWF), need the WAV extension, but left as an MP2 format. Specify the special file extension as “WAV,” select the [Insert fmt chunk in MP2](#) ([format the Cart Chunk](#) as a WAV) and leave the program [format](#) as MP2.



Special file extension: (blank for mp2 or wav)

XDS Transfers

The Amb-OS User Interface can transfer files from the Moody Broadcasting XDS system. Check the Enable XDS and enter the IP address of the XDS receiver.

XDS transfers	
<input checked="" type="checkbox"/>	Enable XDS
IP	192.168.1.151

NOTE

To use the Moody Broadcasting XDS system, the XDS receiver needs to be registered with [Moody Broadcasting](#). Contact [Moody Broadcasting](#) for complete details on using the XDS system.

When using this option, programs listed with an “*” in the [Rename Files](#) window are the programs on the XDS system. The programs can be [renamed](#) with the Amb-OS [rename variables](#) and transferred [automatically](#) (by enabling [Miscellaneous transfers](#)), [timed](#) and [manually](#) just like standard Amb-OS programs.

The Point Of View	TPOV
Voices Of The Past*	VOTP
You may not have permission for all the XDS pgms shown	
XDS sign-up web page	
Programs on XDS receiver	

The following [Tool](#) options cannot be used with the XDS receiver.

- [Play any file](#)
- [Get baselist](#)
- [Manage file checker](#)
- [Manage status indicators](#)

XDS Permission statement

“You may not have permission for all the XDS pgms shown” reports that, while the system displays all the programs on the XDS system, only the programs with permissions for the local receiver transfer.

XDS Buttons

XDS Sign-up web page button links to the Moody Broadcasting program permission page. Contact Moody Broadcasting (<http://www.moodyradio.org/affiliates>) for more information on getting permission for programs.

The button, Programs on XDS receiver, displays the programs on the local XDS receiver.

Cart Chunk Options

Allows modifying a program's Cart Chunk information (remain [unchanged](#), [cleared](#) or [modified](#)).

Options (Underlined options are exclusive).

Keep cartchunk:

- Checked: Keeps Cart Chunk data
- Unchecked: Clears Cart Chunk data

With the format type:

[MP2](#) or [wav48k](#): Allows modifying the data, but prevents clearing the Cart Chunk data.

[wav44100](#) or [wav44100hq](#): Selecting either option enables the Cart Chunk data options.

[wav44100 ScotSS32](#): Clears and disables the Cart Chunk options.

NOTE
Clearing the Keep Cart Chunk box disables all Cart Chunk options.

WARNING
Using the [wav44100](#) or [wav44100hq](#) with the keep Chart Chunk selected enables the cutID options. Select the appropriate option to insure proper program transfers.

cutID clear (for A.V.): Clears the Cut ID field in the Cart Chunk data. Some older Audio Vault® systems need this option selected.

cutID from amb-os name: Uses the [first nine](#) characters of [Amb-OS program name](#) as the cutID when transferred from [AMR-100](#). If the program has multiple parts the part number is added to the cutID as “_xx” (_01 for part one, _02 for part two, etc). Program [names](#) are explained in the [Appendix](#).

cutID is lcl filename: Uses the name entered in the [Rename Files](#) section for the program's Cut ID field in the Cart Chunk data.

Lcl filename is CAT+cutID: Uses the name entered in the [Rename Files](#) section to fill the category and cutid fields. The first three letters of the name are put in the category field, and the rest is put in the cutid field. For example, using “PGM92132” puts “PGM” in the category field and “92132” in the cut id field. Selecting CAT+cutID option puts a [reminder](#) on the [Renaming Files](#).

For best results, enter the program name in the [Rename Files](#) page before selecting this option.

Default cutID: Leaves the cutID field in the Cart Chunk unchanged.

5-day min expire date: Prevents programs from being deleted until five days past their air date. The Amb-OS system normally deletes a program two days after the air date.

Start date = xfer date: Sets the Cart Chunk start date to the date the program transfers to your local disk. Some automation systems will not play a program before the date listed in the Cart Chunk data. This option allows those automation system to play the program early. This can happen with playing a program on Saturday with a Sunday date.

Backup and Notifications Settings

Do not backup to FTP: This disables the Amb-OS User Interface from doing the weekly backup of file settings to the Amb-OS ftp site. This protects the system from losing settings in the event of a system failure. Leave this unchecked as long as the computer running the Amb-OS User Interface has an Internet connection.

- Do not backup to FTP
- Do not send email
- Email failed
- Daily dest dir cleanup

Do not send email: This prevents the Amb-OS User Interface from [sending emails](#) requested by Amb-OS personnel for troubleshooting purposes. Allowing [emails](#) to be sent helps Amb-OS personnel resolve issues faster. Leave this unchecked unless the computer running the Amb-OS User Interface does not have an Internet connection.

Email failed: This gets checked automatically if the Amb-OS User Interface failed to [send emails](#). The Amb-OS User Interface will not attempt to send any more [emails](#) with this box checked. After correcting the problem, clear the box to resume [sending emails](#).

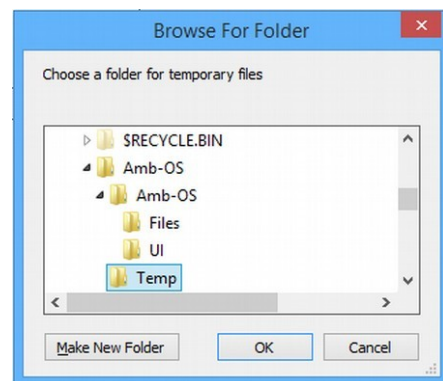
Daily dest dir cleanup: This removes programs from the [destination directory](#) if the program no longer exists on the [AMR-100](#). It helps prevent the [destination directory](#) from becoming filled, which can prevent programs from transferring. The [destination directory](#) can be cleaned manually by using the [Cleanup dest folder](#) in the [Tools](#) menu.

Temp folder

Temp folder:

When [converting](#) programs from MP2 to WAV, the Amb-OS User Interface needs a location for the temporary files used in the conversion process. This directs the Amb-OS User Interface to a specific directory. If left empty, the Amb-OS User Interface uses the default Windows® temporary file location. Pick a location that has several gigabytes of space to insure enough space exists to do conversions. If the drive does not have the space, conversions will fail and programs may not be transferred.

Select a directory by clicking on the Browse button to open dialog box. To create a new folder, use the Make New Folder button enter the name of the new directory.



WARNING

If you pick a network drive, be sure the destination computer is always on and the drive is always available to prevent conversions from failing.

Save/Cancel



Click on Save to keep the settings or Cancel to ignore any changes.

Clicking on the close window “X” has the same effect as clicking on the Cancel button.

WARNING

Selecting Cancel discards changes and reverts to the previous settings.

Rename Files

The programs on the [AMR-100](#) have [names](#) that include the date of the file. This utility allows programs to get custom names when transferred. Programs can also be scheduled to transfer at a specific time.

Program long name	Rcvr pattern	Local pattern	Xfer time [day]
Grace to You Daily PROMO	GTXX_GTP5		
Grace to You Daily CM	GTXX_GTY5		
Insight for Living Daily C/NC	IFLM_IFL5		
Insight for Living Daily Promo	IFLM_IFP5		
Paws and Tales (stereo) 3 Parts + Promo	IFLM_PAT1%p		
Paws and Tales (stereo) 3 Parts + Promo	IFLM_PTP1		
Discover the Word Promo	ODEM_DTPW		
Discover the Word (stereo)	ODEM_DTW5		
Our Daily Bread - 2 min (st)	ODEM_OD25		
BreakPoint This Week Promo	PFMX_BPP1		

First 3 letters of lcl pattern will be used as cartchunk Category

Make changes retroactive

Save Cancel Help

Headings

Program long name: This is the name of the program used by the provider of the program.

Rcvr pattern: This is first nine characters of the [Amb-OS name](#) of the program on the [AMR-100](#) receiver. The entire file name description is in the [Program Naming Convention](#) section in the [Appendix](#). All the programs are listed in the [Program Listing](#) section in the [Appendix](#).

Local pattern: The name the program will have after transferring. Without a pattern, the program will transfer with the [Amb-OS system name](#).

Xfer Time [day]: Defines when a program is transferred; by both the time and day relative to the air date of the program. Without a time in the [Xfer time \[day\]](#), the program needs to be transferred [manually](#), unless the [Miscellaneous Transfer](#) box is checked to transfer it [automatically](#).

A [day offset](#) can be used to transfer programs before or after their air date.

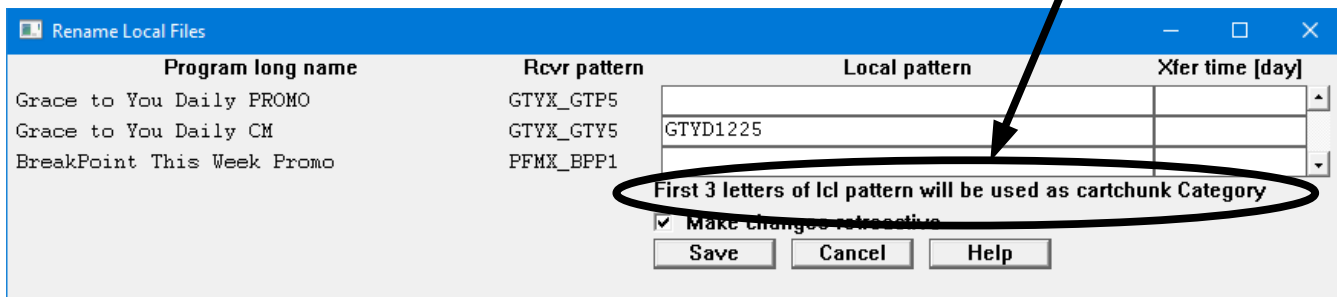
Make changes retroactive: Checking this applies changes to programs in the [queue](#) (arrived, but not transferred). Without checking the box, any changes made will be applied only to new programs arriving after the changes were made.

Save/Cancel: Saves the changes and Cancel reverts to the previous settings.

Help: Shows you the options for renaming and transferring.

Filename is CAT+cutID Message

The message “First 3 letters of lcl pattern will be used Cart Chunk Category” when the [option](#) is checked in the [System info](#).



Thus, in the local pattern line, GTYD1225 would have “GTY” in the category field and “1225” in the cut ID field of the cart chunk data. The filename on the local computer would be GTYD1225.

General information about local patterns and transfer times

If using the same name for a program everyday, [timed transfers](#) protects the current day’s program by by transferring the new program after the current program has aired.

WARNING

Using the same name for a program everyday could result in the current day's program being overwritten by a new program if no transfer time is entered.

Programs are transferred after being completely being received so no partial programs get transferred. If a file arrives less than 24 hours after the scheduled [transfer time](#), it will be transferred as soon as it arrives. If a program arrives more more than 24 hours after the scheduled [transfer time](#), it has to be transferred [manually](#).

WARNING

If the [AMR-100](#) is not attached to the Internet and data packets are missed, the missing packets cannot be received from the uplink server and the file will not transfer. Contact Amb-OS (877-262-6728) to have it retransmitted.

Local Pattern

To change the name of a program, click in the box next to the program and change or enter the name to use when transferring. To change the name of the “Bible Minute” to “BTB-Min,” enter “BTB-Min” in the local pattern.

Program long name	Rcvr pattern	Local pattern	Xfer time [day]
Bible Minute (stereo)	BTTB_TBMS	BTB-Min-%3	03:00
Weekend CM (4 Parts)	FOTF_FOF1%p		

NOTE
Without a rename pattern, the program keeps the [Amb-OS system name](#).

Options

Directory changes

Programs can be put in different directories by putting a directory name in front of the program name in the [Local pattern](#). A different directory, sub-directory, drive or computer can be used. The directory has to exist before using the path in the [local pattern](#). Without specifying a directory, the directory will be the [destination directory](#).

WARNING
The directory specified in the local pattern must exist or the Amb-OS User Interface will not transfer the file.

Examples

Parameters

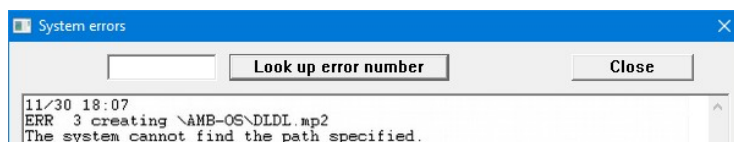
[destination directory](#) = “D:\ambos\files” (D: is the default drive)

BTTB = a directory, but it can be any directory name

Bible-Min = the local pattern, but it can be any pattern including [variables](#)

Local pattern	Result – program is put in:
Bible-Min	D:\ambos\files
BTTB\Bible-Min	D:\ambos\files\BTTB
D:\BTTB	D:\BTTB
\Bible-Min	D:\
E:\BTTB\Bible-Min	E:\BTTB
\\ambos\BTTB\Bible-Min	Computer named “ambos” in \BTTB

If the specified directory does not exist, the Amb-OS User Interface reports a [system error 03](#) (“The system cannot find the path specified”) in the [Activity log](#). Check system errors in [Look up an error number](#) in [Help](#).



Rename Variables

The variables used in renaming files allow customized file names to include days, dates or parts. The variables can go anywhere in the local pattern (before, after and in the middle). Except for combining multiple part programs, the variables can be used with [FTP transfer local file name](#).

WARNING
Do not use a file extension in the local pattern box. If you do not want the default extension, change it in the [Special File Extension](#) option.

[Amb-OS program name](#): FOFT_ODY5_02-18-16_01-03.MP2

Variable	Meaning
x	Do not transfer the program (cannot be combined with any other variable)
%m	The two digit month will be added to the file name: “02”
%d	The two digit day will be added to the file name: “18”
%y	The year of the air date in YY format will be added to the file name: “16”
%w	The day of the week in two letter format will be added to the file name: “Tu”
%3	The day of the week in three letter format would be added to the file name: “Tue”
%n	The numerical day of the week beginning with 1 (Sun. = 1, Mon. = 2... Sat. = 7) would be added to the file name
%z	The numerical day of the week beginning with 0 (Sun. = 0, Mon. = 1, Tue. = 2... Sat. = 6) would be added to the file name
%j	The Julian date or the number of the day of the year. An air date of 01-01-17: adds “001” to the file name An air date of 12-31-17: adds “365” to the file name An air date of 12-31-16: adds “366” to the file name in a Leap Year
Multiple Part Programs (without either option, the program is transferred as one file)	
%p	the part number of the program with two digits Part one has “01” added to the file name Part two has “02” added to the file name, etc. A single part file has nothing added to the file name
%1	The part number of the program with a single digit Part one has “1” added to the file name Part two has “2” added to the file name, etc. A single part file has nothing added to the file name

Multiple variables (except “x”) can be used for the same file and can have separators between them.
 %m-%d_%p would have 02-18_01 in the name of the file.

The program will either have the normal format extension – WAV for wave files and MP2 for MP2 files. However, if a [custom extension](#) was specified, then the program gets that extension when transferred. The [FTP transfer](#) cannot change the MP3 extension regardless of the [custom extension](#).

Examples

Program: FOTF_FOF5_05-06-16_01-01		
Pattern	Name	Comment
FOFD	FOFD.MP2	Program has the same name everyday and would overwrite previous programs.
FOFD%m%d	FOFD0506.MP2	The month and day are added to the program name.
FOFD%3	FOFDWED.MP2	The three letter name of the broadcast day are added to the program name.
Program: FOTF_ODY1_05-20-17_01-03		
Pattern	Name	Comment
ODY_W-%p	ODY_W-01	Part one has “-01,” part two has “-02” and part three has “-03” at the end of the program name.
ODY_W-%m-%d_%1	ODY_W-05-22_1	The month and date are added and the program part number is added with part as “-01,” part two as “-02” and part three as “-03” at the end of the program name.
ODY_W-%m-%d	ODY_W-05-22	The month and date are added and the program without a part number, because no part number variable was added.

If [CutID is lcl filename](#) is checked in the [System info](#) then the entered program name is used as the Cart Chunk cutID. If the option [lcl filename is CAT+cutID](#) is checked in the [system info](#), then the first three characters of the [filename pattern](#) is put into the Cart Chunk data as the category and the remaining characters are put in as the cut ID.

Xfer Time [day]

General Information

The [Xfer time \[day\]](#) dictates the program transfer time in 24 hour format (00:00 – 23:59 without seconds) and, optionally, a [day offset](#) to determine the day the program will be transferred in relative to the air date. Leaving the [Xfer time \[day\]](#) field blank means programs have to be [transferred manually](#) unless the [Enable misc transfers](#) box is checked.

Scheduling program transfers

Transfer times protect programs from being overwritten if same program name is used in the [Rename Pattern](#). For example, if using “IFL-Daily” for all IFL programs and the new program arrives at 8:00 am and the program airs at 9:00 am, that program could be replaced when the new program arrives. By putting in a [transfer time](#) after the program finishes airing (9:30 am or later) avoids this problem.

The Amb-OS User Interface automatically transfers a program if the program arrives less than 24 hours after the scheduled transfer time. A program arriving at 11:00 pm with a scheduled transfer at 8:00 pm will be automatically transferred. A program arriving later than 8:00 pm a day after the scheduled transfer would have to be [transferred manually](#) to prevent incorrect programs from overwriting current programs.

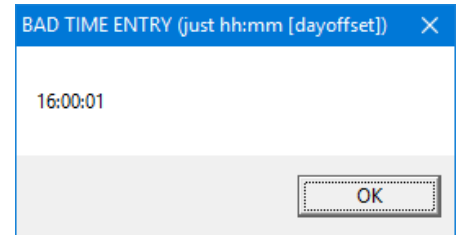
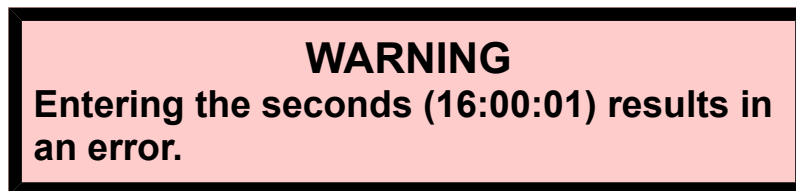
WARNING
Scheduling transfers before programs are successfully received can result in unpredictable results.

[Amb-OS program transmission times](#) listed in the [Amb-OS Program Listing](#) table in the [Appendix](#) are the queue times of the program. [Program transmission times](#) can be delayed from the queue times based on the number programs scheduled for transfer. Additionally the [Amb-OS Program Listing](#) table also lists the number of days in advance of the air date the Amb-OS system sends the program.

Time Parameters

Time should be entered as HH:MM in 24 hour format without the seconds. Use 03:00 for 3:00 AM and 15:00 for 3:00 PM. Times range from 00:00 (the morning of the current day) to 23:59 (one minute before midnight). Entering 11:00 transfers the program at 11 AM local PC time.

Time must be entered with only the hour and minutes. Entering seconds with the time creates an error.



Programs arriving less than 24 hours after the scheduled transfer time get automatically transferred after the [AMR-100](#) has successfully received the program. Programs arriving more than 24 hours after the scheduled transfer time have to be [transferred manually](#).

Day Offset Parameters

The [day offset](#) sets the number of days to transfer a program before (-1, -2) or after (+1 or 1, +2) the air date of the program. Without a [day offset](#) specified, the [After 12P \(noon\) Rule](#) applies to the transfer. Times before 12:00 PM (noon) transfers the program on its air date. Schedules on or after 12:00 PM (noon) transfers the next day's program assuming the program was successfully received.

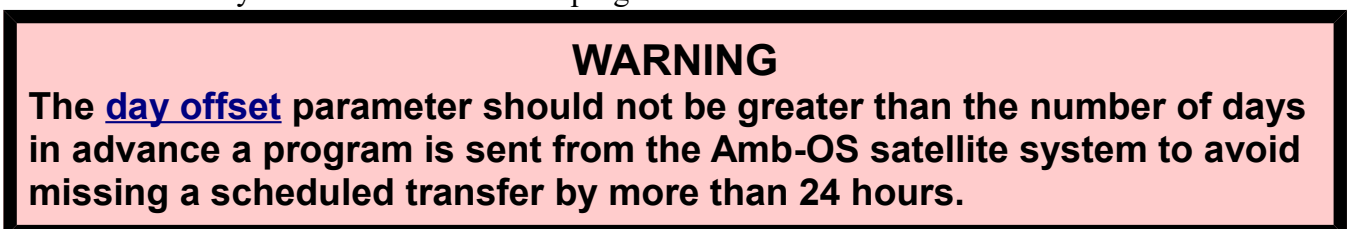
The [day offset](#) must be entered with a transfer time. "11:00 -1" would transfer the file at 11:00 AM local PC time one day before the air date.



Day offset description for transfers

[Day offset](#) description

- 2 = two days before the air date of the program
- 1 = the day before the air date of the program (prefeed)
- 0 = current day
- 1 or +1 = the day after the air date of the program
- 2 or +2 = 2 days after the air date of the program



Examples of [day offset](#)

Times with no [day offset](#) specified – the [After 12 PM \(noon\) rule](#) applies

06:00 = Transfers the same day's program (same as using 0 as the [day offset](#))

15:00 = Transfers the next day's program (same as using -1 as the [day offset](#))

Times with a [day offset](#) specified – nullifies the [After 12 PM \(noon\) rule](#).

06:00 -1 = Transfers a day before the air date

15:00 0 = Transfers the same day's file at 3 pm even though the transfer is scheduled after noon.

File transmission time vs. queue time

When considering a scheduled time, check the program's queue time. Programs normally get sent at the queue time listed in the [program table](#); however, server traffic may delay the actual satellite transmission time. The [program table](#) lists queue times in Eastern Time. Avoid transfer errors by scheduling transfers an hour after the queue time.

WARNING

The queue time may not be the transmission time. The queue time is the scheduled transmission time. The actual transmission time will be later if a previously scheduled program has not finished transmitting at the queue time. The program will be sent immediately after the previous program(s) have completed transmitting.

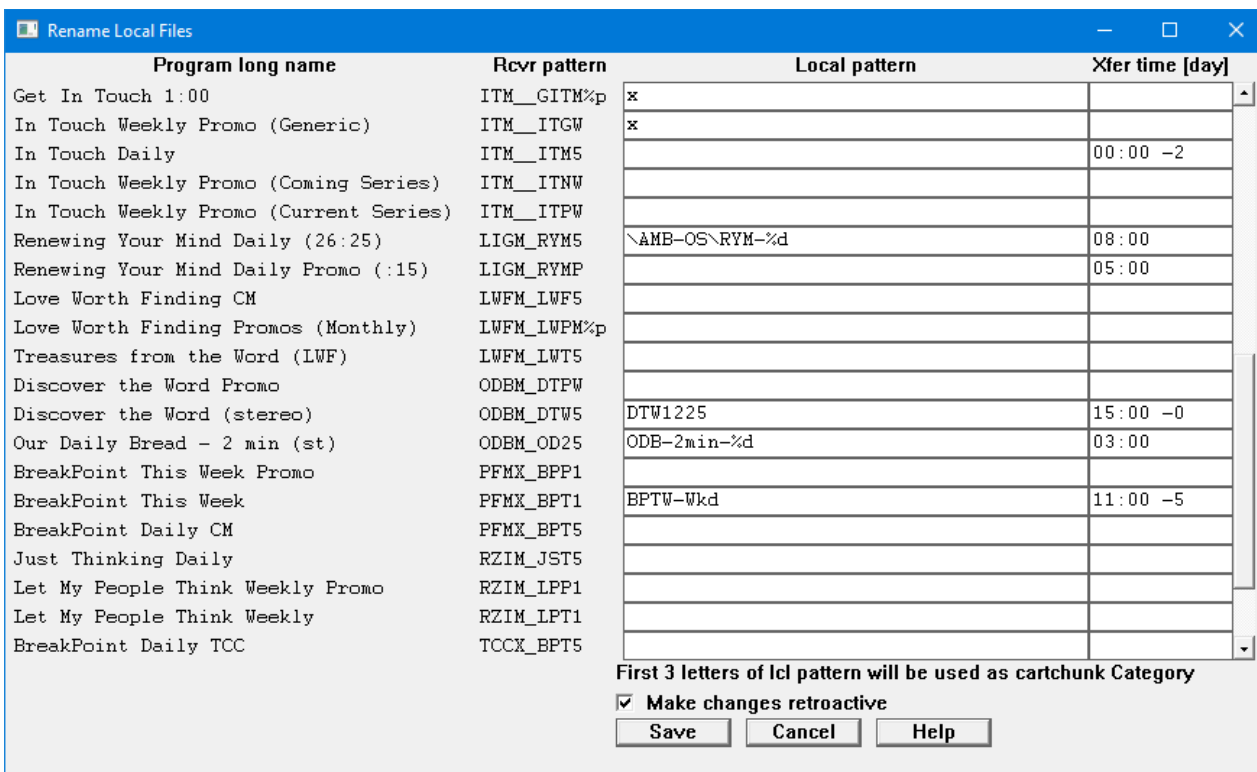
Because the Amb-OS satellite system sends programs sequentially, the next program in the queue cannot be sent until the previous program has finished transmitting. While the Amb-OS queue schedule has been designed to space programs to avoid delays in program transmission; however, programs can still be delayed. Check the actual arrival time of program in the [activity log file](#) to verify the actual transfer time.

Activity log -> activity12Dec.txt

```
18:47:36 rcvd AIGM_AKH5_12-16-16_01-01.MP2 misc
18:47:36 rcvd AIGM_AKH5_12-15-16_01-01.MP2 misc
18:47:36 rcvd AIGM_AKH5_12-14-16_01-01.MP2 misc
18:47:36 rcvd AIGM_AKH5_12-13-16_01-01.MP2 misc
```

The [program table](#) at the end of this manual in the [Appendix](#) lists programs with their queue time. The most current table is online at <http://www.amb-os/programs>.

Examples of Rename files



This section assumes that the [output format](#) will be MP2 and not converted to a WAV file. With the [output format](#) selected as a WAV, the program names will not change, but the files will be a WAV file and have the WAV extension when transferred unless a [special file extension](#) was defined.

The screen shot above illustrates the following actions:

MM-DD-YY is the air date of the program.

ITM_GITM%p and ITM_ITGW will not be transferred, because of the “x” in the local pattern.

ITM_ITM5 will be transferred at midnight local time two days before the air date with the default [Amb-OS system file name](#) (ITM_ITM5_MM-DD-YY_01-01.MP2).

LIGM_RYM5 will be transferred on its air date at 8:00 AM local time, because no [day offset](#) is entered, so it follows the [After 12 PM \(noon\) rule](#). It will be named “RYM-15.MP2” if the air date is on the fifteenth of the month. It will also be put in the “\AMB-OS” directory on the root drive of the [destination directory](#).

LIGM_RYMP will be transferred at 5:00 AM on the air date of the program with the default [Amb-OS system file name](#) (LIGM_RYMP_MM-DD-YY_01-01.MP2).

ODBM_DTW5 will be transferred as “DTW1225.MP2” at 3:00 PM Local PC time and it will transfer the same day’s program, because of the “-0” parameter bypassing the [After 12 PM \(noon\) rule](#).

ODBM_OD25 will be transferred at 3:00 AM local time as “ODB-2min-11.MP2” if the air date is the eleventh of the month.

PFMX_BPT1 will be transferred at 11:00 AM local time as “BPTW-Wkd.MP2” five days before the air date. If the program arrives only three days before the air date, the program will have to be [manually transferred](#), because it would arrive more than 24 hours after the scheduled transfer time.

Multiple Part Files

A multiple part program has the number of parts after the “program long name.” Using `-%p` or `-%1` in the [local pattern](#) puts the part number in the local name.

`-%p` – *ProgramName-01, ProgramName-02, ProgramName-03*, etc.

`-%1` – *ProgramName-1, ProgramName-2, ProgramName-3*, etc.

No designation – *ProgramName* has all the parts combined and transfers as a single program.

WARNING

The “-” has to be put in the local pattern: *ProgramName-%p* or *ProgramName-%1*.

Example (Paws and Tales -3 parts)

Program long name	Rcvr pattern	Local pattern	Xfer time [day]
Insight for Living Daily C/NC	IFLM_IFL5		
Insight for Living Daily Promo	IFLM_IFP5		
Paws and Tales (stereo) 3 Parts + Promo	IFLM_PAT1%p	PandT-%p	02:00 -2

Local Pattern – PandT-%p

Xfer time [day] – 02:00 -2

It transfers at 2:00 AM local time, two days in advance and as three parts.

First part: PandT-01.MP2

Second part: PandT-02.MP2

Third part: PandT-03.MP2

Just “PandT” in the [local pattern](#) (no `%p` or `%1`) transfers as a single program (PandT.MP2).

Making changes retroactive

Checking this box applies the [rename pattern](#) changes to any files currently on the [AMR-100](#), but have not been transferred. Leaving the box unchecked applies the changes to programs received after the changes were made.



NOTE

This does not change the name of programs that have been transferred.

The new changes will be applied when manually transferring a program after a successful transfer.

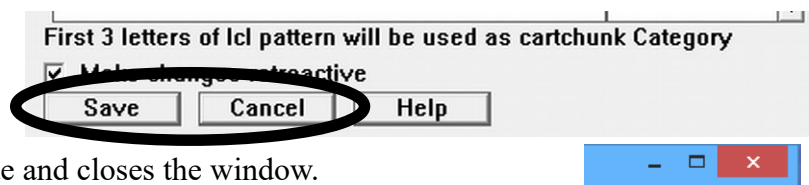
Saving changes

Click on “Save” to apply the changes.

Save: Saves changes.

Cancel: Ignores the changes you made and closes the window.

Clicking on the X in the upper left corner the window also cancels any changes.



WARNING

Pressing **Cancel** or just closing the window discards any changes.

Playlist Editor

General Description

The playlist editor creates a playlist for the [AMR-100](#) receiver to play programs out of audio ports to air or recording. Relay closures can be assigned to programs (see the [AMR-100 Installation manual](#)) for playback to communicate with an automation system.

Check the [queue time](#) for programs to make sure programs are not scheduled to play before being received. The [program table](#) in the [Appendix](#) lists programs with their queue time. The most current table is online at <http://www.amb-os.com/programs>. Transmission times may be different than the queue time ([file transmission versus queue time](#)).

WARNING

The queue time may not be the transmission time. The queue time is the scheduled transmission time. The actual transmission time will be later if a previously scheduled program has not finished transmitting at the queue time. The program will be sent immediately after the previous program(s) have completed transmitting.

Triggers

At this time, triggers cannot be entered into the playlist by the Amb-OS User Interface. To use triggers, create a playlist with the Amb-OS User Interface playlist editor, [write the playlist](#) to a local drive and then edit the playlist with a plain text editor (Notepad[®]) or with the [Stand-alone Playlist Editor](#) (<http://www.amb-os.com/pdfs/playlisted-rev005.zip>). The User Interface (UI) Software Playlist Manual (available at <http://www.amb-os.com/support.html>) explains the playlist commands in greater detail.

The playlist editor uses the [receiver](#) specified in [System Info](#) section and automatically pulls in the playlist on the [AMR-100](#) for editing. The Amb-OS User Interface [saves](#) it back to the [AMR-100](#).

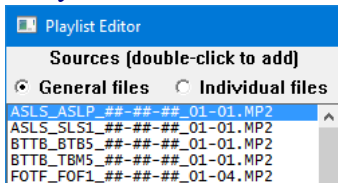
WARNING

After editing the playlist outside of the Amb-OS User Interface playlist editor, do not bring the playlist back into the Amb-OS User Interface, because it can make unwanted changes.

The buttons

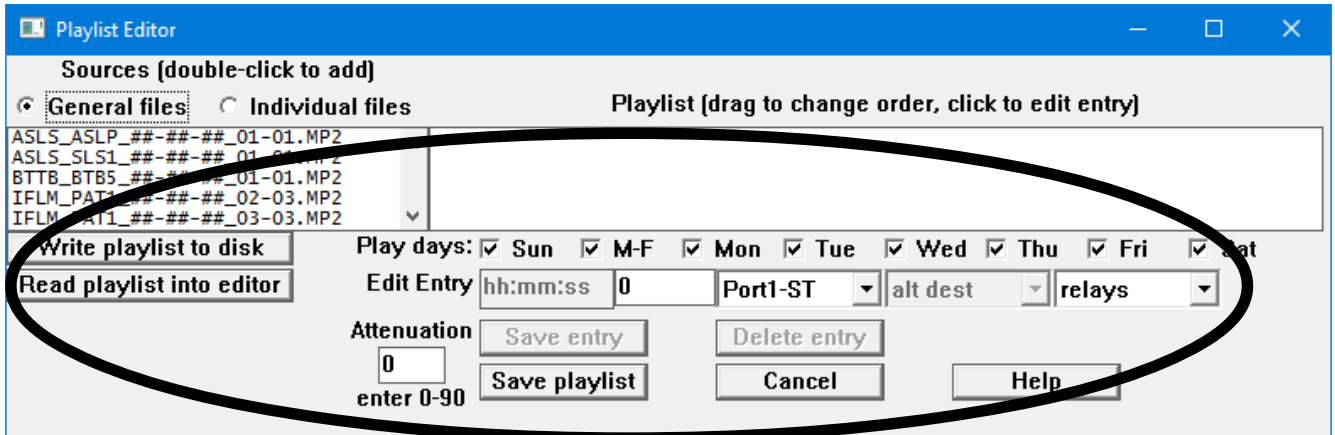
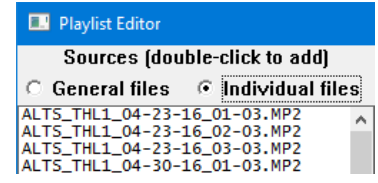
The first time the playlist editor opens all available programs on the [AMR-100](#) are listed in left window, but no programs appear in the playlist window. By default, programs are listed in the “wild card” format, which uses “##-##-##” in the filename in place of the air date as specified in the [Amb-OS system naming convention](#). The “wild card” files allows programs to be played back automatically on the air date of the program without having to change the playlist everyday. Optionally, you can specify a [single date](#). See the [Amb-OS system naming convention](#) section in the [Appendix](#).

General files/List individual files: Lists all available programs or the programs by the actual [Amb-OS System name](#) on the [AMR-100](#).



General files lists all available programs using the “wild card” (##-##-##) in place of the date.

Individual files lists only the programs on the [AMR-100](#) with with the program air dates.



Write playlist to disk: Saves the playlist to a file on a computer for archiving, backup or editing.

Read playlist into editor: Loads a playlist into the editor from a computer for editing. It can then be saved to the [AMR-100](#), but it overwrites the playlist on the [AMR-100](#) if it exists.

Save entry: Saves the entry to the playlist. Unless this is clicked, the individual program changes will not be saved to the playlist.

Delete entry: Removes an entry. Highlight the desired program and click on [Delete entry](#). A deleted entry cannot be recovered and has to be recreated.

Attenuation: Reduces the audio level of programs as they are played. This affects every program played from the [AMR-100](#) and not just the entry being edited.

Save Playlist: Saves the playlist to the receiver. The playlist can be saved to a [local disk](#) and not the [AMR-100](#).

Cancel: Discards changes made to the playlist.

Help: Opens the help menu.

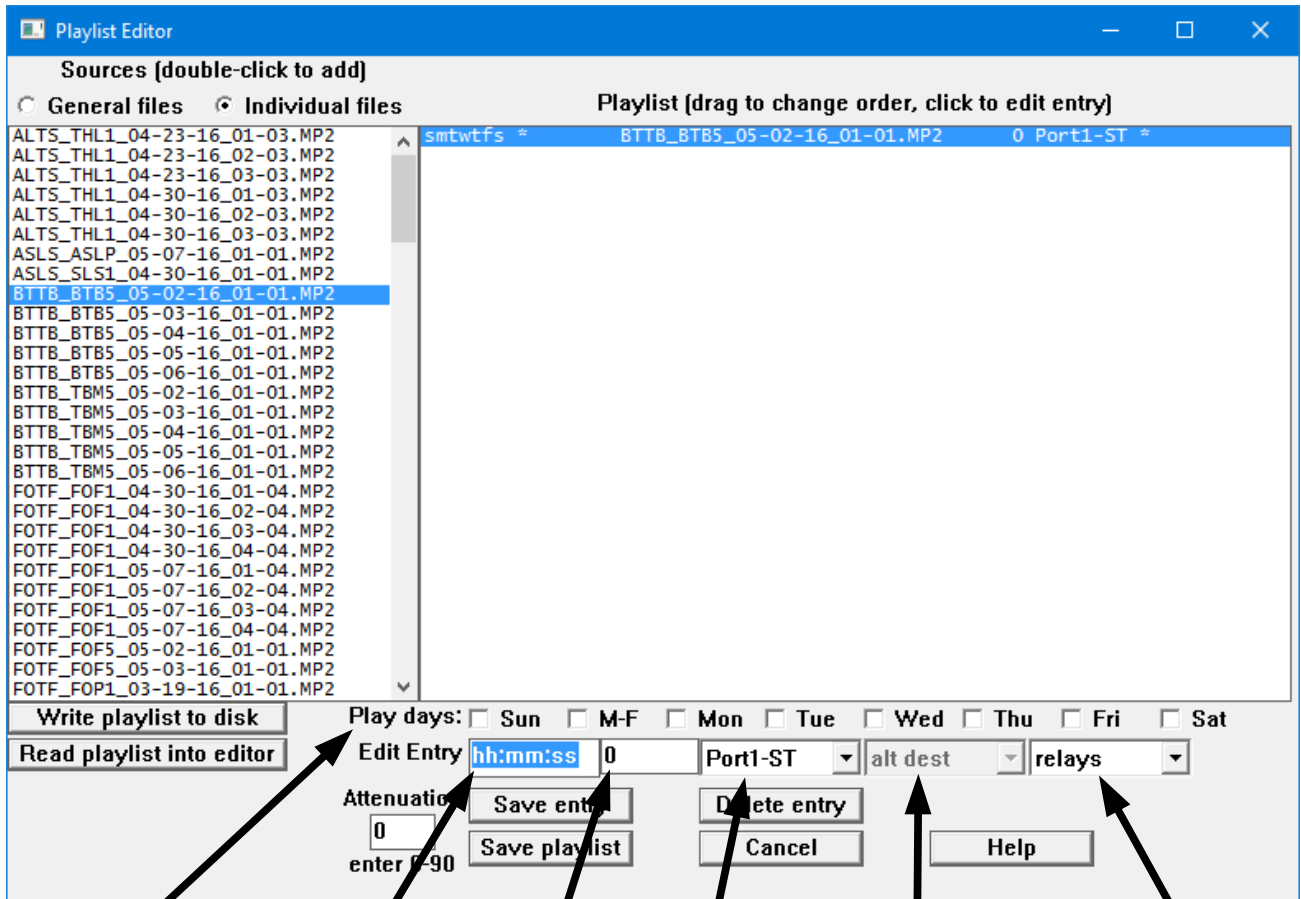
NOTE

The attenuation settings affects all programs played from the [AMR-100's](#) audio ports and not just the program being edited.

Creating a playlist

The basic steps to create a playlist:

1. Double click on the program to play in the window on the left to bring the program to the Playlist window on the right. [Save entry](#), [Delete entry](#) and [Save playlist](#) become active.
2. Click on the program in the Playlist window (highlights to program) to edit the playback parameters. This is done at the bottom.
3. Change the playback parameters and click on [Save entry](#) to save the changes.
4. Repeat steps 1-3 to for each program to add to the playlist.
5. Click on [Save playlist](#) to save the playlist to the [AMR-100](#).



[Play Days](#)

[Playback Time](#)

[Day offset](#)

[Audio Port](#) (Not implemented)

Alt Dest

[Relay Use](#)

Play days: Sun M-F Mon Tue Wed Thu Fri Sat

Play Days: Check the days the program will play. Selecting “M-F” checks the “Mon,” “Tue,” “Wed,” “Thu” and “Fri” boxes. Each day can be selected or cleared individually. Clearing the “M-F” box also clears each weekday box. To play a program on Saturday and Sunday, check both days.

After saving the entry, the playlist editor shows which days a program will play by putting the first letter of the day at the beginning of the entry.

“-mtwtf-” – Program airs weekdays:

“-m-w-f-” – Program airs Mon., Wed. and Fri.

“------s” – Program airs Saturday

“-s-----s” – Program airs Saturday and Sunday

“-*-” – Program has no time and plays immediately after the previous program finishes and used to play [multiple part programs](#).

```
-mtwtf- 05:30:00 BTTB_BTBS  
s----- 09:00:00 FOTF_ODY1  
s----- * FOTF_ODY1  
s----- * FOTF_ODY1  
----t-- 23:15:00 FRCA_WW1
```

Edit Entry

Playback Time: This sets the playback time of the program. It must be entered in 24 hour format and can be down to the second. 05:00:00 airs at 5:00 A and 17:00:00 airs at 5:00 P. A time must be entered for each program. Only the first part of [multiple part](#) programs has a time to play all the parts consecutively without a break (see [Playing Multiple Part Files](#)). To play the same program multiple times, see [Multiple Airings](#).

A program without a time plays as the next part of the previous program. Scheduling “Grace to You” at 11:30 and putting “Insight for Living” after that without a time, plays “Grace to You” at 11:30 and then “Insight for Living” plays immediately after without a break.

WARNING

Without a playback time for subsequent programs in the playlist, the first program plays at the specified time and the following program(s) play right after each other without a break.

Day offset: Programs can be played before (“+#”), on (“0”) or after (“-#”) the air date.

Playlist [day offset](#)

1 or +1 plays the program one day before the air date (a prefeed).

0 plays the program on the air date.

-1 plays the program 1 day after the air date (playing a file on Sunday with a Saturday air date).

The [Playlist Day offset](#) section in the [Appendix](#) has a more detailed explanation of the [day offsets](#).

WARNING

The playlist day offset is opposite from the [renaming files day offset](#).

NOTE

Playlists do not follow the [After 12PM \(noon\) Rule](#). Without a day offset, the [AMR-100](#) plays the current day’s program regardless of the scheduled time.

Audio Port: Selects the audio port to use for playback. The [AMR-100](#) has two ports and can play back in either stereo or mono.

Port options:

Port1-ST: Plays out the left and right of Port 1 – a mono program plays out L and R

Port1-L: Plays out the left side of Port 1 only in mono – a stereo program is mixed

Port1-R: Plays out the right side of Port 1 only in mono – a stereo program is mixed

Port2-ST: Plays out the left and right of Port 2 – a mono program plays out L and R

Port2-L: Plays out the left side of Port 2 only in mono – a stereo program is mixed

Port2-R: Plays out the right side of Port 2 only in mono – a stereo program is mixed

NOTE

The playlist editor defaults playback to Port 1-ST.

Maximum number of programs that can be played:

2 programs: Port 1 in stereo and port 2 in stereo

3 programs: Port 1 in stereo and port 2 playing a mono feed on the left and the right channels

3 programs: Port 1 playing a mono feed on the left and the right channels and port 2 in stereo

4 programs: Both ports playing separate mono feeds on the left and right channels

For a full description of the audio ports and limitations see the [AMR-100 Installation manual](#).

Relays: Assigns a relay and its action to a program. A relay can be closed for the entire length of the program or it can be pulsed (close for one second and then open) at either the beginning or the end of a program. The Amb-OS User Interface playlist editor cannot put in multiple relay actions for the same entry. Use the [Stand-alone Playlist Editor](#) to put in multiple relay actions for a single program entry. Download the [Stand-alone Playlist Editor](#) (<http://www.amb-os.com/pdfs/playlisted-rev005.zip>) from <http://www.amb-os.com/support.html>.

The drop down menu allows choosing the relay and action. Relays 5 (time sync) and 6 (alarm) should not be used unless their default function have been disabled the AMR-100 receiver. See the AMR-100 User Manual available from <http://www.amb-os.com/support.html> to enable or disable relays 5 and 6 from their default function.

The relay options are (“X” = the relay number):

relays: No relay activity for that file

X-close: close the relay for the entire length of the program and open it at the end of the program

X-start: pulse the relay at the beginning of the program

X-end: pulse the relay at the end of the program

Attenuation: Sets the amount of attenuation (in dB) for all programs during playback. Enter “0” (full volume) to “90” (effectively silences the output) in integers. This only effects programs played out of the audio ports and it does not effect the [transferred](#) programs. No amplification can be made, because the gain on the receiver defaults to full volume.

Example: “6” drops the volume by 6 dB.

NOTE

Attenuation parameters changes all programs and it cannot be used for individual program playback.

Save Entry: After completing changes for each program, click on Save entry or the changes will be lost.

WARNING
Click on Save entry after every program or the changes will be lost.

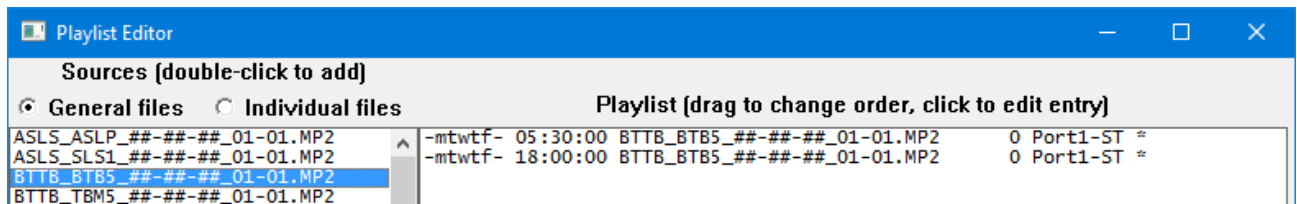
Delete Entry: To remove a program from the playlist, highlight the entry to delete and press “Delete entry.” A deleted entry cannot be recovered. However, click the Cancel button immediately after deleting the entry and then reload the playlist, That would also remove any previous changes.

WARNING
Delete entry is immediate with no confirmation and cannot be recovered.

Multiple Airings

Same day airings (different times)

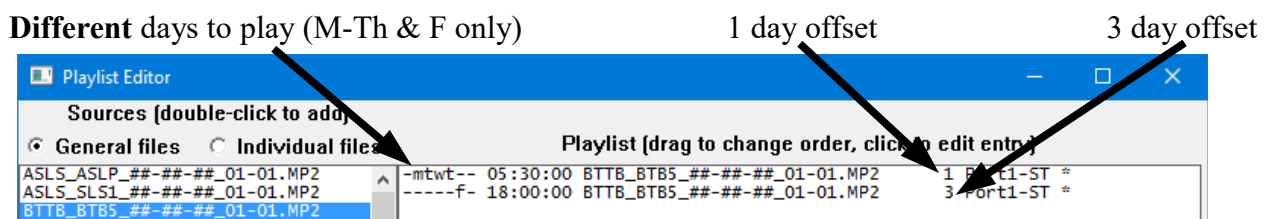
Airing a program multiple times during the day, requires an entry for each time it airs. Select the program for the first airing and modify the playback parameters and select [Save entry](#). Then double click on the same program to insert it into the playlist again and put in the new air time. The following illustration shows the program set to play at two different times.



Different day airings (same times)

Prefeeds for daily programs may have to account for the weekend. Tuesday’s – Friday’s programs come on Monday – Thursday, but Monday’s program has to come on Friday or three days early. Even though the feeds play at the same time, the playlist needs two entries to account for the different [day offsets](#). Monday’s prefeed on Friday plays back three days early to skip Saturday and Sunday. The other prefeeds playback one day in advance. The same program has the same time, but two different [day offsets](#).

The following example shows the same program at the same time with different [day offsets](#).



WARNING
Not all programs feed enough days in advance to have a three [day offset](#). Check the feed days in the [Amb-OS program table](#) in the [Appendix](#).

Playlist Example

Sources (double-click to add)		Playlist (drag to change order, click to edit entry)	
General files		Individual files	
1	ASLS_ASLP_###-###_01-01.MP2	-mtwt-- 05:30:00	BTTB_BT85_###-###_01-01.MP2 0 Port1-ST 1-start
2	ASLS_SLS1_###-###_01-01.MP2	-mtwtf- 18:00:00	BTTB_BT85_###-###_01-01.MP2 0 Port1-ST 1-start
3	BTTB_BT85_###-###_01-01.MP2	s----- 09:00:00	FOTF_ODY1_###-###_02-03.MP2 -1 Port2-ST *
4	BTTB_TB85_###-###_01-01.MP2	s----- *	FOTF_ODY1_###-###_03-03.MP2 -1 Port2-ST *
5	FOTF_FOF1_###-###_01-04.MP2	s----- *	FOTF_ODY1_###-###_01-03.MP2 -1 Port2-ST 2-end
6	FOTF_FOF1_###-###_02-04.MP2	----t-- 23:15:00	FRCA_WW1_###-###_01-01.MP2 2 Port1-L 1-closed
7	FOTF_FOF1_###-###_03-04.MP2	-mtwtf- 02:10:00	FOTF_ODY5_###-###_01-03.MP2 0 Port1-ST 2-end
8	FOTF_FOF1_###-###_04-04.MP2	-mtwtf- 02:30:00	FOTF_ODY5_###-###_02-03.MP2 0 Port1-ST 2-end
9	FOTF_FOF5_###-###_01-01.MP2	-mtwtf- 02:50:00	FOTF_ODY5_###-###_03-03.MP2 0 Port1-ST 2-end
10	FOTF_FOP1_###-###_01-01.MP2	-mtwt-- 20:15:00	IFLM_IFL5_###-###_01-01.MP2 1 Port1-ST 1-end
11	FOTF_FOP5_###-###_01-01.MP2	-----f- 20:15:00	IFLM_IFL5_###-###_01-01.MP2 3 Port1-ST 1-end

(Line numbers to the left and highlights are for illustrative purposes only)

Entry #1: Plays the current day's Back to the Bible every weekday at 05:30:00 in stereo on port 1 and pulses relay #1 at the start of the program.

Entry #2: Replays the current day's Back to the Bible every weekday at 18:30:00 in stereo on port 1 and pulses relay #1 at the start of the program.

Entries #3-5: Plays the [multiple parts](#) of Adventures in Odyssey beginning at 09:00:00 every Sunday in stereo on port two and only part three pulses relay #2 when all three segments have finished playing. The [day offset](#) is "-1" for all segments, because the air date for the program is a Saturday and airing the program on Sunday means each one airs a day later.

Entry #6: Plays Washington Watch for recording two days early at 23:15:00 for recording in mono out of port 1-left channel. Relay #1 stays closes for the entire program playback.

Entries #7-9: Plays each segment of Adventures in Odyssey on port 1 in stereo Monday through Friday to record each segment as a separate program and pulsing relay #2 at the end of each segment. This can trigger an automation system to stop recording, because the segments of Adventures in Odyssey vary in length each program.

The first segment plays at 2:10:00 and pulses relay #2 when the segment finishes.

The second segment plays at 2:30:00 and pulses relay #2 when the segment finishes.

The third segment plays at 2:50:00 and pulses relay #2 when the segment finishes.

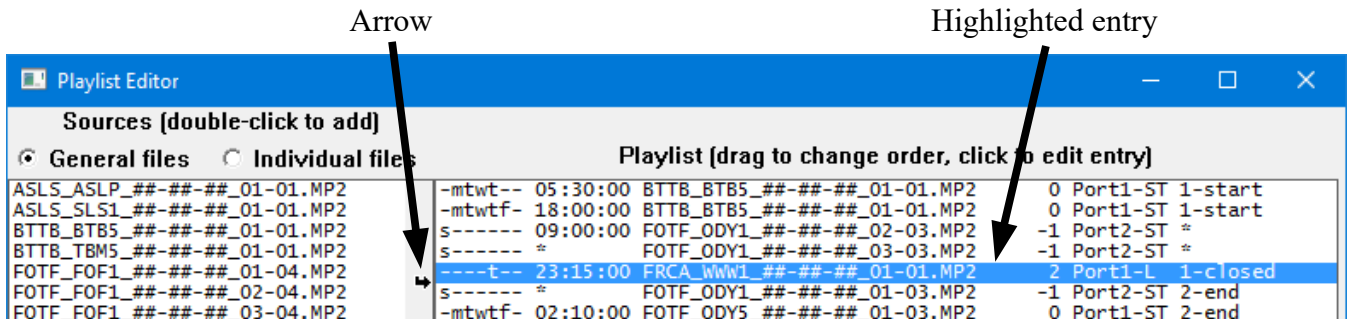
Entries #10, 11: Plays a prefeed of Insight for Living at 20:15:00 one day early on port 1 in stereo Monday through Thursday and three days early on Friday to account for the weekend. Each program pulses relay #1 at the end of the program.

WARNING

Day offsets in this example are used for illustrative purposes only. Verify the feed days in the [Amb-OS program table](#) in the [Appendix](#).

Rearranging Airings

For clarity or to move multiple part programs together, click on desired entry to move and then drag it to a new position. After highlighting the desired entry and starting to drag that entry, an arrow appears to the left of the playlist window showing where the entry will be placed after releasing the mouse button.



This allows organizing entries by day (weekdays vs. weekends), by time or something else. By being able to rearrange entries, added events can be moved to keep them organized.

The order of the playback times does not matter, except for playing back [multiple part programs](#) in the correct order. Programs scheduled for 13:00:00 and 08:00:00 can be in any order and will still play at their scheduled times.

Playing Multiple Part Files

To play a multiple part file as one file, put in the first part and give it a time then add the other parts without putting in times. The first part plays at specified time and the other parts play in sequence after each part finishes.

```
-mtwtf- 18:00:00 BTTB_BT85_#-#-#-#_01-01.MP2      0 Port1-ST 1-start
s----- 09:00:00 FOTF_ODY1_#-#-#-#_02-03.MP2     -1 Port2-ST *
s----- *      FOTF_ODY1_#-#-#-#_03-03.MP2     -1 Port2-ST *
s----- *      FOTF_ODY1_#-#-#-#_01-03.MP2     -1 Port2-ST 2-end
----t-- 23:15:00 FRCA_WWW1_#-#-#-#_01-01.MP2      2 Port1-L 1-closed
```

The playlist editor remembers the settings for previous entry ([day offset](#), [audio port](#) and [relay](#), but not the [time](#)) to help keep subsequent parts of a program consistent.

WARNING

The parts will play in the order they are listed. The first part, with the time, has to be first, the second part has to be second and the third part has to be third and so forth.

To close a relay at the end of the entire program, add the relay closure for the last segment and not for the previous segments.

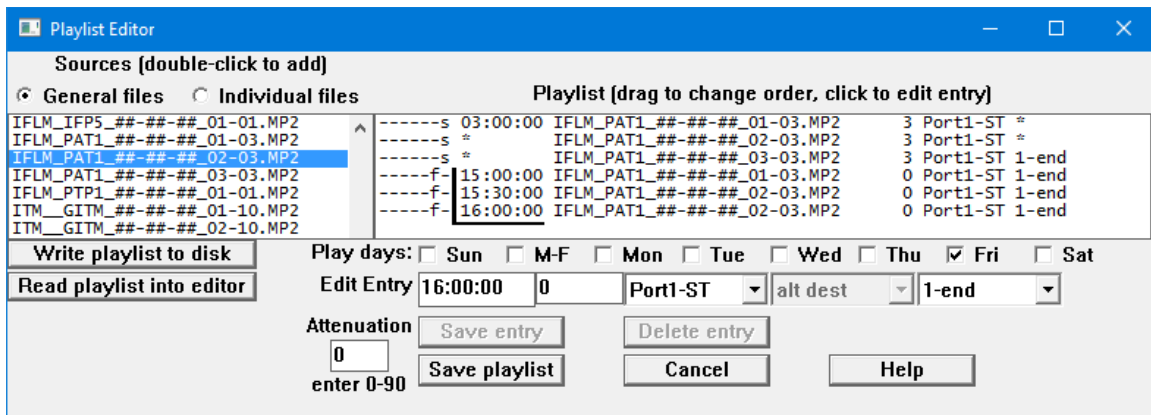
WARNING

To make sure a relay closes on the last segment, be sure to not have a relay listed for the previous parts. Select "relays" to clear it.

Entering a multiple part program to play as one program:

1. Double click on the first segment.
2. Enter in a time for it to playback, [day offset](#) (defaults to 0) the port and, if wanted, a relay action
3. Click on [Save Entry](#)
4. Double click on the second segment.
5. Do not put in a time, verify the [day offset](#) (defaults to 0) the port and, if wanted, a relay action
6. Click on [Save Entry](#)
7. Double click on the third segment.
8. Do not put in a time, verify the [day offset](#) (defaults to 0) the port and, if wanted, a relay action
9. Click on [Save Entry](#)

Example

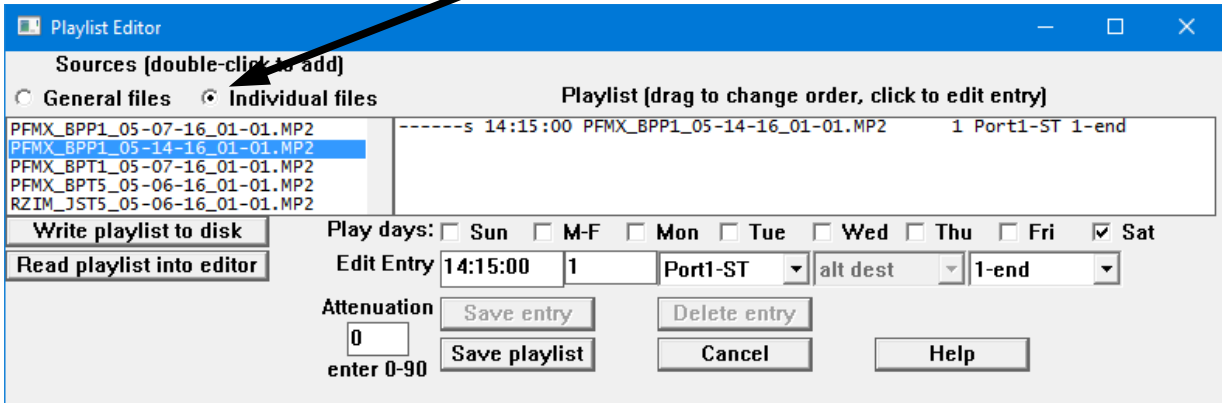


The second set of programs (IFLM_PAT1) at 15:00, 15:30 and 16:00 (lines are for illustrative purposes only) shows recording multiple part programs as individual segments. Playing a multiple part program as individual segments from the [AMR-100](#) and inserting spots between the segments, can be problematic if the segments have different lengths each day. If the segments vary from day to day, the playlist would have to be changed each day the program airs. To avoid changing the playlist, record the segments at fixed times and have the automation system put in the spots between the segments.

Alternatively, using relays at the end of each segment to trigger the automation system to play spots and using relays from the automation system to trigger the next segment playback. While triggers cannot be entered in the Amb-OS User Interface playlist, they can be done using the [Stand-alone Playlist Editor](#). Download the [Stand-alone Playlist Editor](#) (<http://www.amb-os.com/pdfs/playlisted-rev005.zip>) from <http://www.amb-os.com/support.html>.

Creating a one time playback

To play a specific day's program once, change the window to list individual files by clicking on "List individual files." That changes the listing to show files on the [AMR-100](#) with their air dates.



Use the same process as [creating a playlist](#) with the wild card dates. Double click on the program to air, then highlight it in the Playlist window and enter the [time and other information](#). Then click on Save entry and that file will only play once on the date of the file. Using a [day offset](#) of "1" plays it on 5/15 and "-1" plays it on 5/13. This can be useful for one time holiday programs multiple times.

The entry will stay in the playlist until manually deleted. Of course, the program will never play again, after the program gets automatically deleted by the [AMR-100](#), because the date will have passed.

Saving the playlist

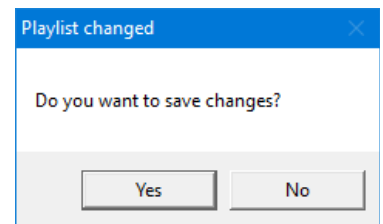
Save Playlist

After finishing the playlist, click on Save playlist to save it to the [AMR-100](#) and exit the playlist editor.

This only saves the playlist to the [AMR-100](#) receiver and not to another computer. Use the [Write playlist to disk](#) to save a backup playlist before clicking on save playlist.

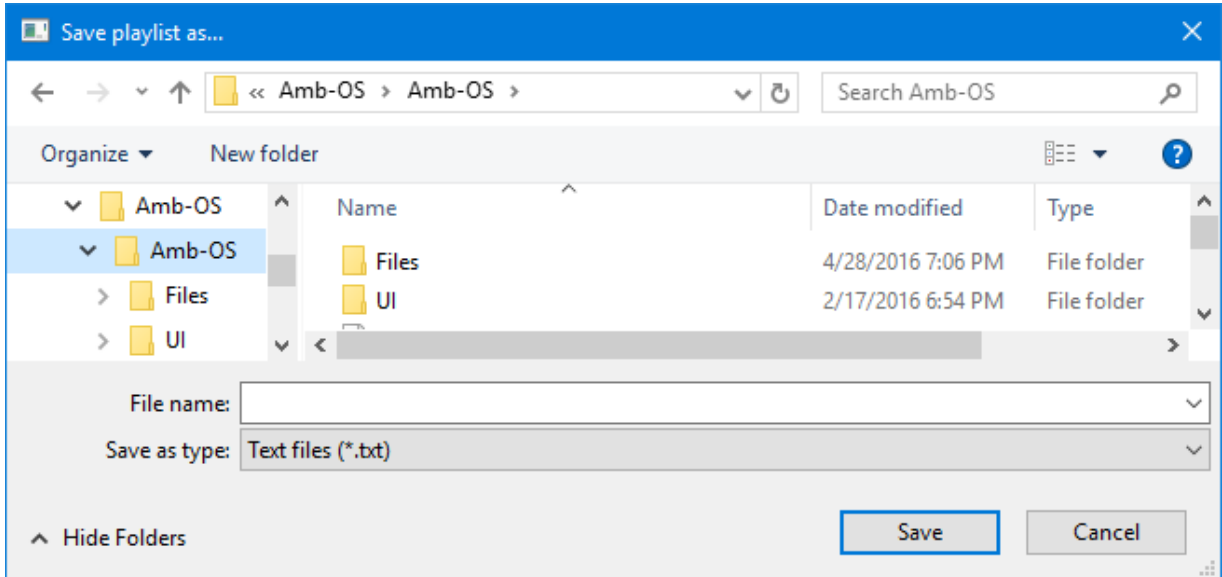
Cancel

Press Cancel or the close window "X" in the upper right of the playlist editor window after making changes to exit. If the playlist has not been saved, this opens a confirmation window asking whether or not to save the playlist. Pressing "No" discards the changes. Pressing "Yes" saves the changes to the [AMR-100](#), but not to another computer.



Write playlist to disk

To save the playlist to a local computer, click on “Write playlist to disk.” Select a folder and specify a name of the playlist in the “File name” line in the “Save playlist as...” dialog box.



The file is stored as a standard text file and can be edited using a text editor or the [Stand-alone Playlist Editor](#). The playlist manual and the [Stand-alone Playlist Editor](#) are available at <http://www.amb-os.com/support.html>. The syntax and construction of a playlist can very involved, so always save a copy of the playlist that has not been modified.

Saving the playlist to a disk can be useful to work on a playlist and check it before saving it to the [AMR-100](#). If time does not permit making all the changes, saving the playlist to a disk and *not* saving it the [AMR-100](#), allows editing a playlist without changing the operation of the [AMR-100](#) until the playlist is complete.

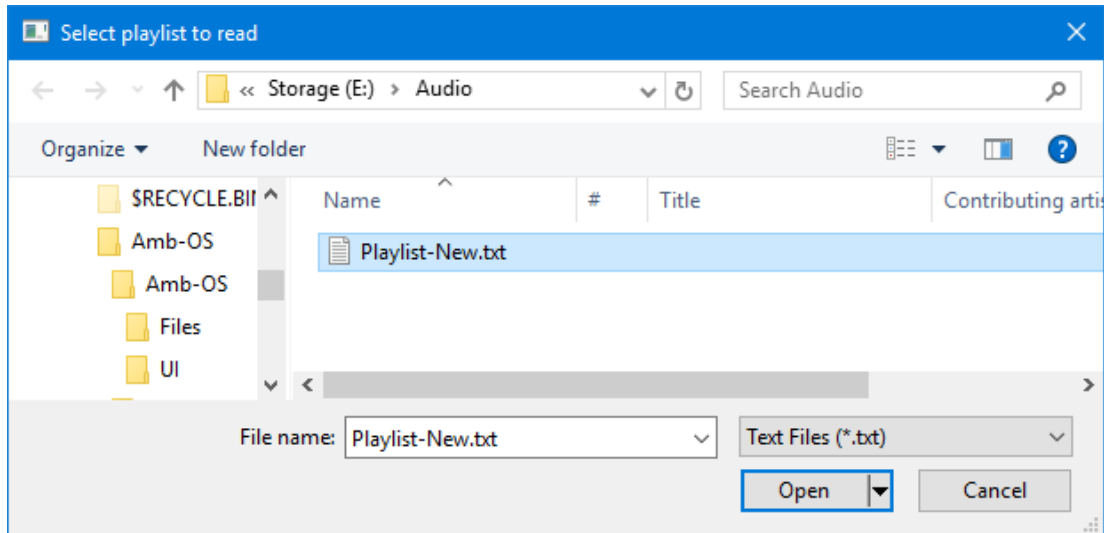
Click on [Cancel](#) after saving the playlist to a computer to exit without saving the playlist to the [AMR-100](#).

WARNING

Saving the playlist to a disk does not save it to the [AMR-100](#). You must click on **Save playlist to save the playlist to the [AMR-100](#).**

Read playlist into editor

After saving a playlist on a computer using the [Write playlist to disk](#), click on “Read playlist into editor” and select the saved playlist and click on “Open” to edit the playlist.



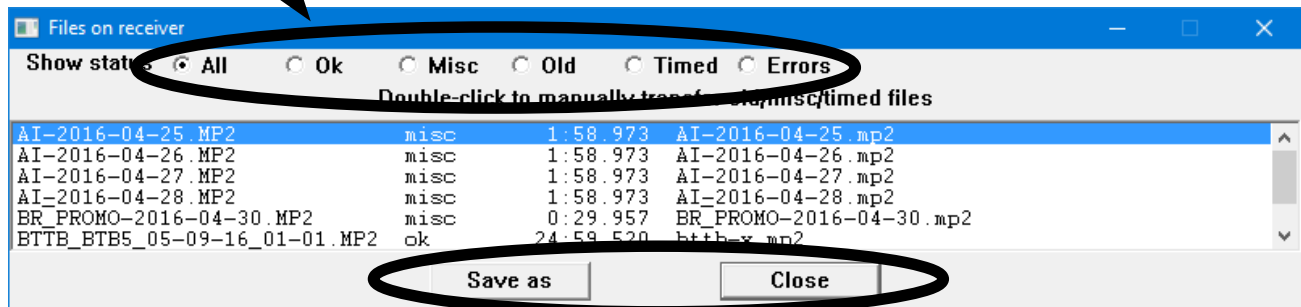
WARNING

The Read playlist function does not have any syntax checking options. If a playlist has been modified outside of the Amb-OS User Interface and it is not constructed properly, it can produce unpredictable results.

Files/Transfers

This window shows the transferred programs, programs to be transferred, the [local name](#) and the type of transfer ([miscellaneous](#) or [timed](#)). Program lengths are shown as actual time down to milliseconds. Programs can be [manually transferred](#) to the [destination directory](#) by double clicking on the desired program. The program list shows files on the [AMR-100](#) and the [XDS system](#).

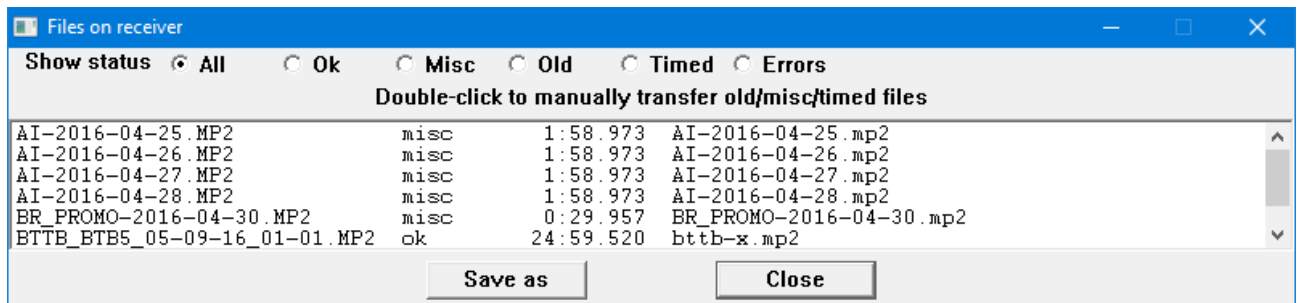
[Status options filter](#)



[Buttons](#)

Show Status Options

The options filter the entries by different criteria.



All: Shows all the programs on the receiver, their status, type of transfer, [local name](#) and their [Amb-OS system name](#).

Ok: Shows only the programs that have been transferred without errors.

Misc: Shows only the programs that will be transferred when they are received and not on at a [specific time](#) if the [Enable miscellaneous transfers](#) box is checked.

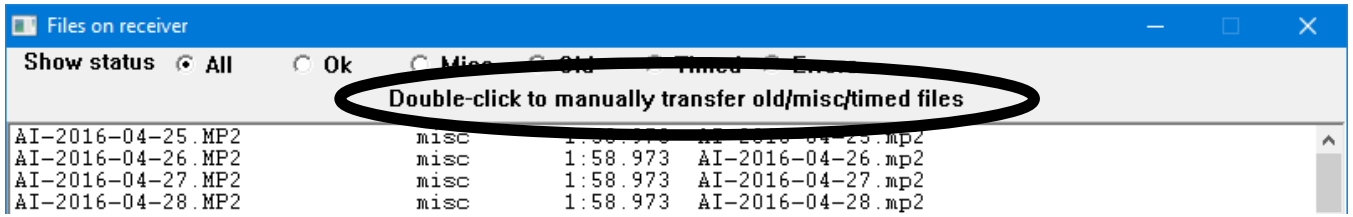
Old: Shows only the programs that have missed their transfer times and may need to be [manually transferred](#), because they could overwrite an existing file. To [manually transfer](#) a file, double click on the program to be transferred.

Timed: Shows only the programs that are transferred at [specific times](#).

Errors: Shows only the programs that were either not transferred or had errors when they were transferred.

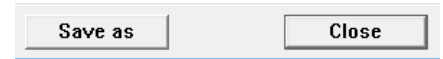
NOTE

This window shows all files on the [AMR-100](#) and can be used to verify if a program has been received.



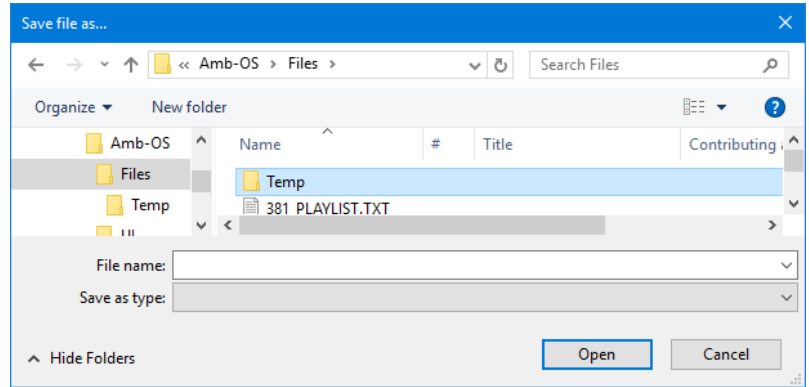
Manually Transfer: To transfer a program again, retry a transfer or to do a [manual transfer](#), double click on the desired program to begin the transfer. This works with the [XDS system](#) programs.

Buttons



Save as: Any program can be saved directly from the [AMR-100](#) to a local drive and to any name, but it will not be converted regardless of the [output format](#) selected in the [System info](#). The name can be changed in the "File name" line in the "Save file as..." dialog window.

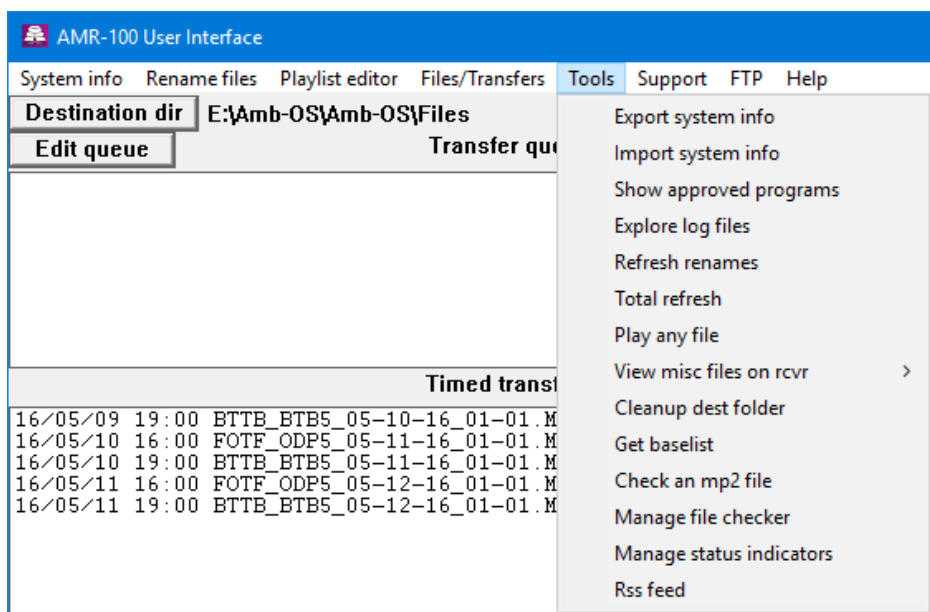
Close: Click to close the [Files/Transfer](#) window.



Tools

Tool Menu Items

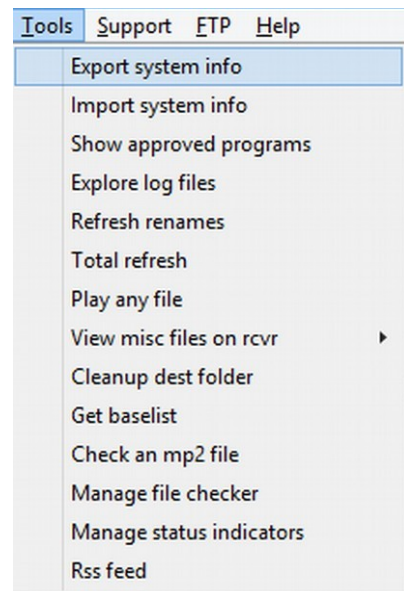
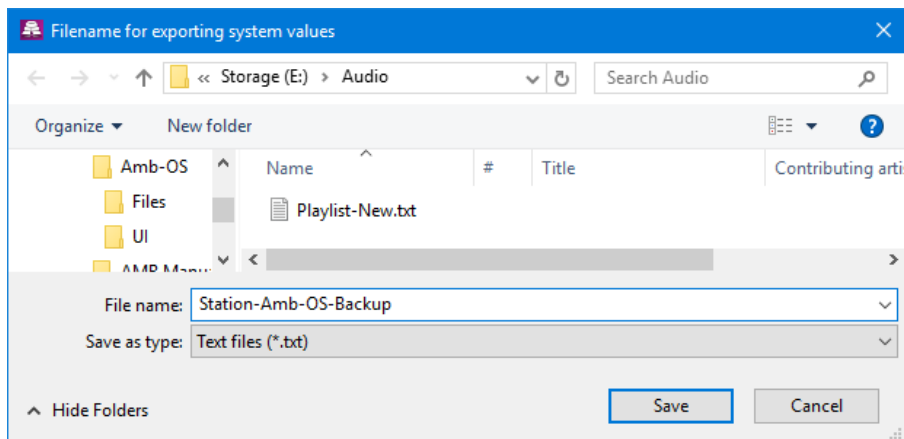
- [Export system info](#)
- [Import system information](#)
- [Show approved files](#)
- [Explore log files](#)
- [Refresh renames](#)
- [Total refresh](#)
- [Play any file](#)
- [View misc files on rcvr](#)
- [Cleanup dest folder](#)
- [Get baselist](#)
- [Check and mp2 file](#)
- [Manage file checker](#)
- [Manage status indicators](#)
- [Rss Feed](#)



Export system info

Saves the current settings of the Amb-OS User Interface to a file allowing the parameters to be imported when reinstalling the Amb-OS User Interface.

Click on Export system info to open the export file window.



Select the directory and specify the file name of the backup then click on the Save button. This stores the Amb-OS User Interface settings as a text file. The example above uses “Station-Amb-OS-Backup” as the file name; however, any legal Windows® file name will work.

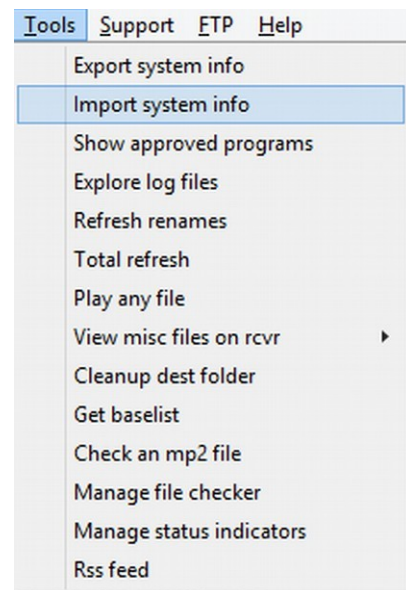
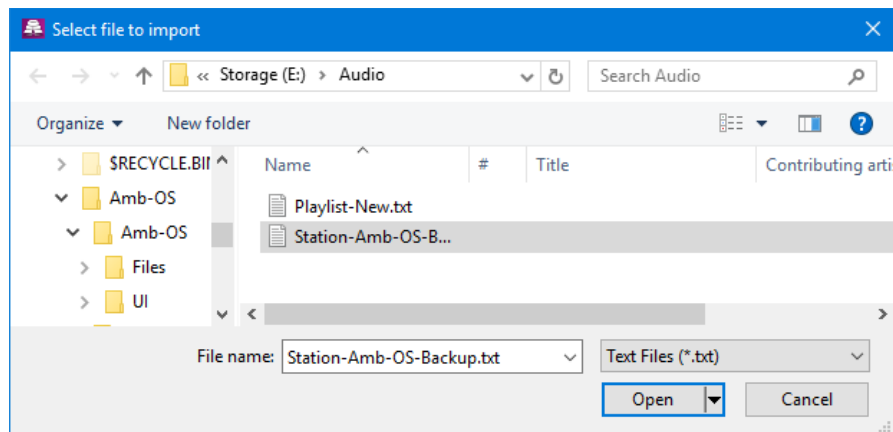
The Amb-OS User Interface automatically uploads the current settings to the Amb-OS FTP site and to the [AMR-100](#) receiver. If the Amb-OS User Interface does not have an Internet connection, be sure to check [Do not backup to FTP](#) in the [System information](#) settings.

Import system info

Imports the saved parameters into the current installation of the Amb-OS User Interface. To import a file, click on the Import system info option and select the appropriate backup file to import.

Clicking on Import system info opens the import file window.

Select the file import and click on Open.



NOTE

The IP address and serial number of the the [AMR-100](#) receiver are not imported and have to be entered in the [System info](#) parameters. If the IP address and serial have already been entered, the import leaves them intact.

This can keep a backup of the Amb-OS User Interface in sync with the main system. After making changes on the main system, [export the system information](#) and import on the backup to keep the two systems identical. Be sure to review the limitation with using [two computers](#) to control one [AMR-100](#).

WARNING

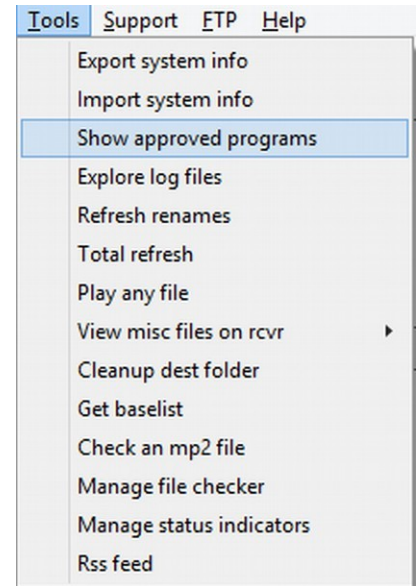
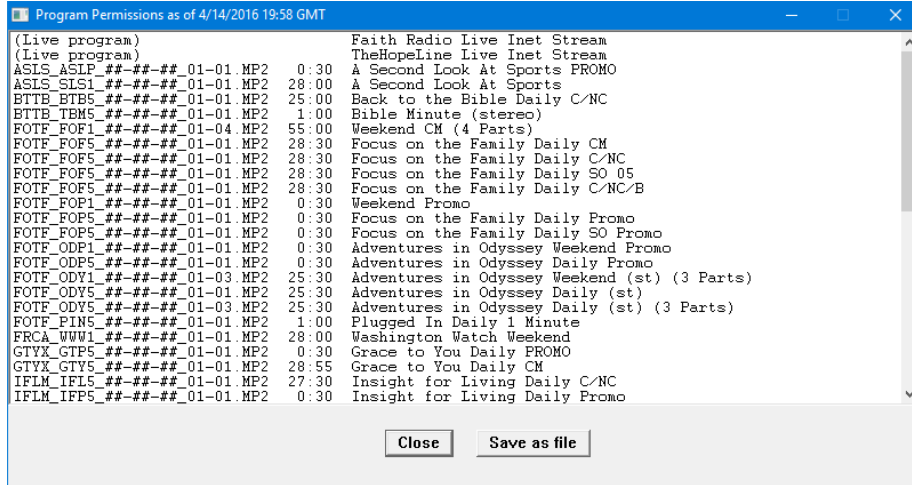
Importing system information into the backup computer will also make the [destination directories](#) the same. Be sure they do not point the same remote directory to avoid transfer errors.

Show approved files

This displays the approved programs on the [AMR-100](#) receiver. They are listed with the [Amb-OS program name](#) and their full program name.

Click on Show approved files to open the Program Permission window.

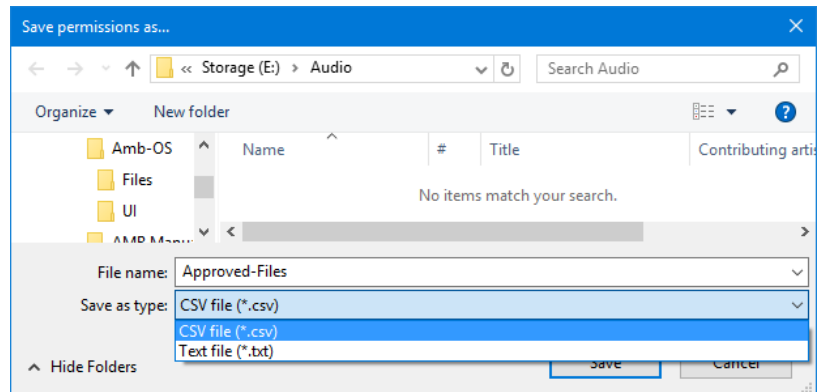
Scroll up and down to see the files



Save as file

The program list can be saved as a file (csv or text) to be viewed separately or when asked to send it to an Amb-OS support personnel. After clicking on the "Save as file" button, select the directory and specify a file name for the exported file.

Select the type of file by clicking on the right of Save as type: and select either the "CSV file" (*.csv) or the Text File (*.txt) for the desired file type.



Click on "Save" to save the file and "Cancel" to abort the operation, which does not save the file.

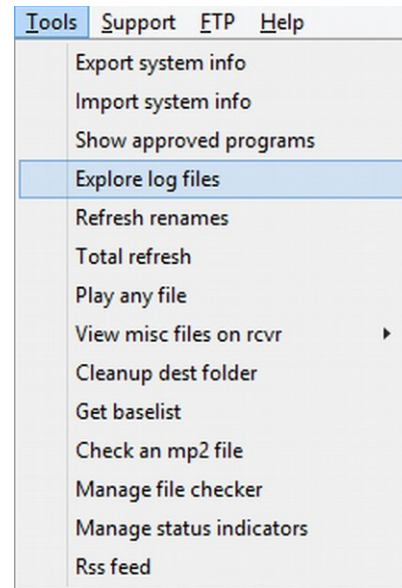
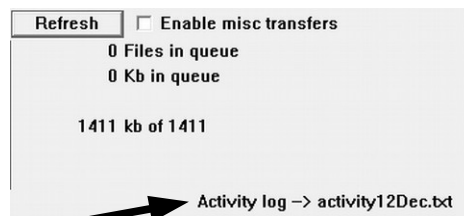
NOTE
The Program permission file cannot be imported. The [Export System info](#) and [Import System](#) info brings back the parameters.

Close

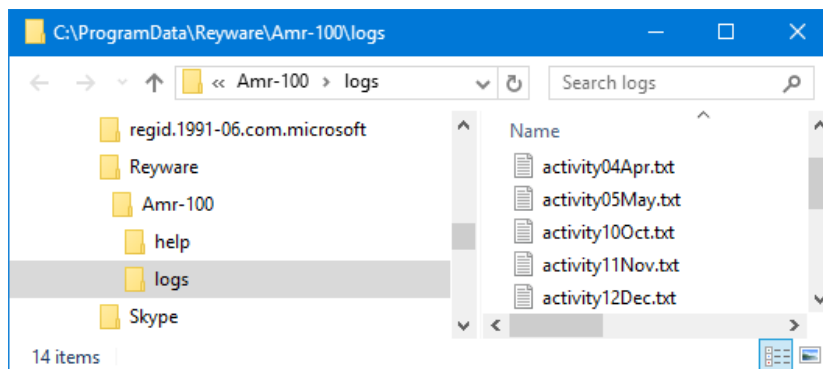
Click on "Close" to exit the screen.

Explore Log Files

The Amb-OS User Interface automatically creates a [log file](#) (system and ftp) for each month. The Amb-OS User Interface displays the current activity log file above the [activity window](#).

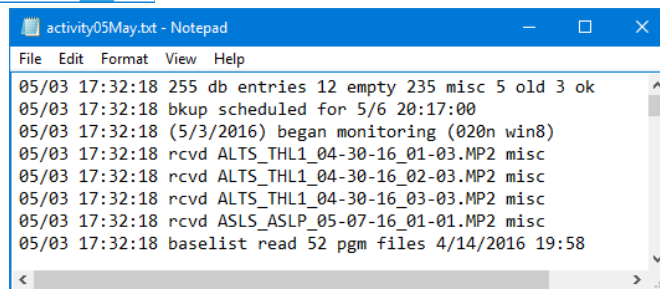


Click on Explore log files to open up the file open dialog window.



Click on the desired log file to highlight it and press [Enter] to open the file or double click on the desired file.

The log files are text files and the Amb-OS User Interface opens the files with Windows Notepad® to allow saving the file in another location or to be copied and pasted into an email for Amb-OS support personnel.



The [log file messages](#) are listed in the [Appendix](#).

When restarting the Amb-OS User Interface, the current month's log file gets appended rather than having a new log file created. This prevents erasing the previously captured log for the month.

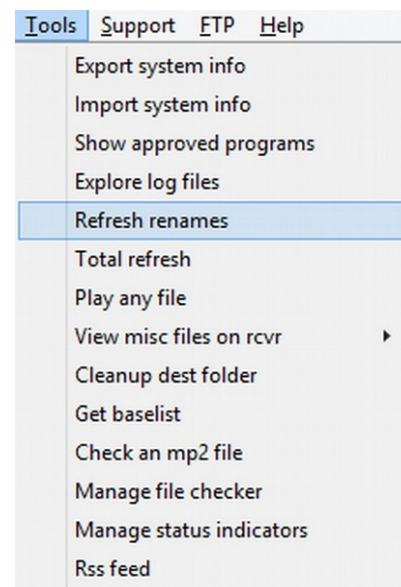
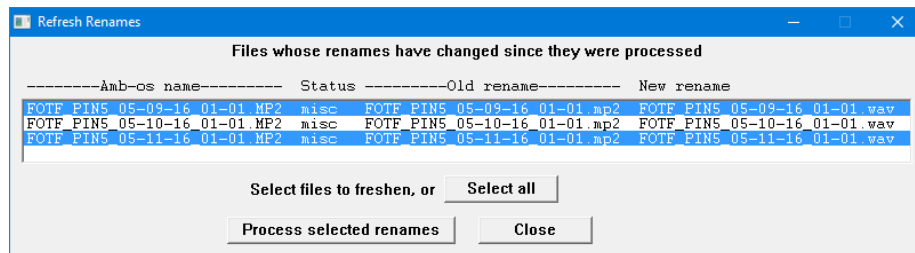
NOTE

The “rcvg” (receiving a program) items are removed in the log file, because the activity log records “rcvd” (received program) making “rcvg” redundant.

Close the log file window by clicking on the close window “X” in the upper right corner of the window.

Refresh names

Clicking on the Refresh names opens the refresh window showing the [Amb-OS system name](#), the type of transfer, the previous [rename](#) and the updated [rename](#). This window shows the new name of a program that transferred with the previous name. This becomes useful if a new naming convention is implemented and previously transferred programs need the new names.



Click on one or multiple programs to refresh or click on “Select all” to refresh all programs. After selecting the programs to refresh click on “Process selected renames.” “Close” cancels the refresh if done before clicking on “Process selected names.” It also closes the window.

WARNING

If [Make changes retroactive](#) in the [Rename Files](#) window is checked, the file names are changed immediately. They cannot be selectively renamed with the Refresh Renames.

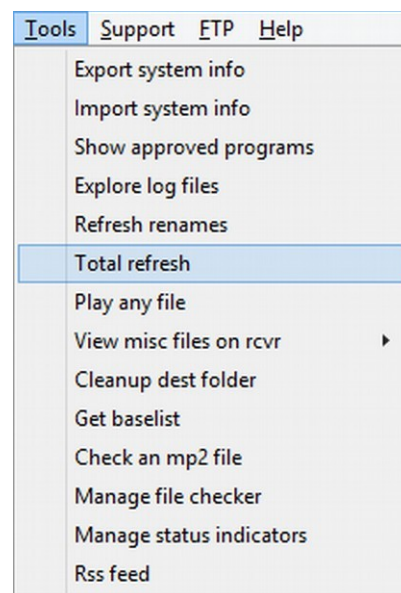
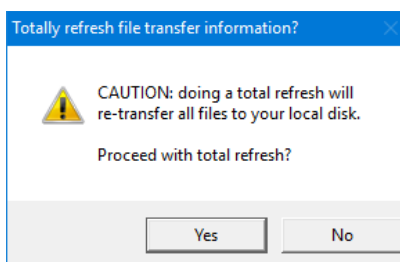
Total Refresh

The Amb-OS User interface tracks programs and their status (transferred or not) in memory to prevent re-transferring programs.

“Total refresh” clears and rebuilds the transfer log. The Amb-OS User Interface opens a warning window indicating programs may be re-transferred. With a lot of programs, this can take some time to complete.

To cancel the refresh, click on “No.”

To [transfer just one file](#), use the [Files/Transfers](#) window and double click on the desired program to transfer.



Play any file

Opens a window to play a program on the [AMR-100](#), but it cannot play audio from [FTP](#) files or the [XDS receiver](#). The program plays out of the selected audio port of the [AMR-100](#).

NOTE

The Amb-OS User Interface can only play programs that are on the [AMR-100](#) receiver and not files downloaded from [FTP](#) or from the [XDS receiver](#).

The window displays the [Amb-OS system names](#) of the programs. Select program, the audio port and click on “Play.”

Play – plays the selected program.

Stop – stops the program.

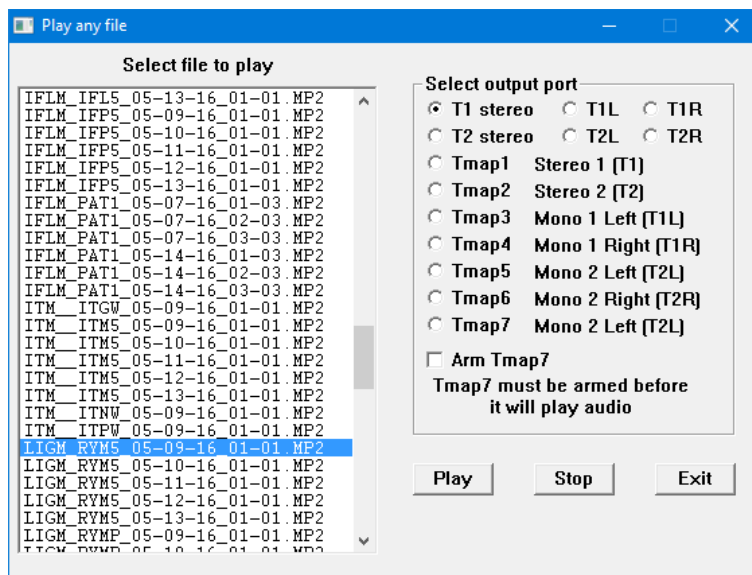
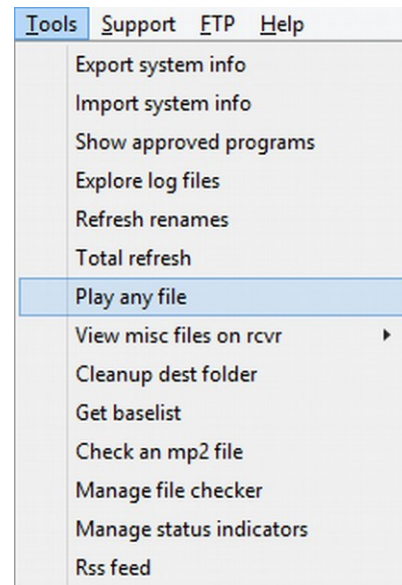
Exit – closes the window.

WARNING

This function will interrupt a program currently playing on the [AMR-100](#). Verify whether the selected port is open before clicking on play.

This can test the mapping of the TMAP ports to verify the proper port for receiving live programs. The window displays the current mapping of each TMAP port.

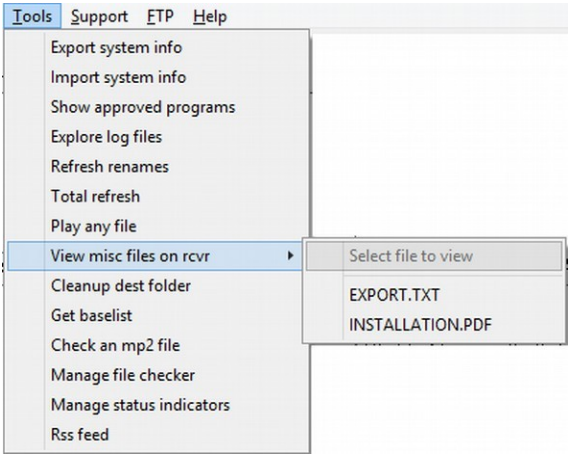
TMAP ports are assigned through the [AMR-100](#) front panel. The [AMR-100 Installation manual](#) explains the TMAP ports and how to assign them. Download the manual from <http://www.amb-os.com/pdfs/INSTALLATION.PDF>.



View misc files on rcvr

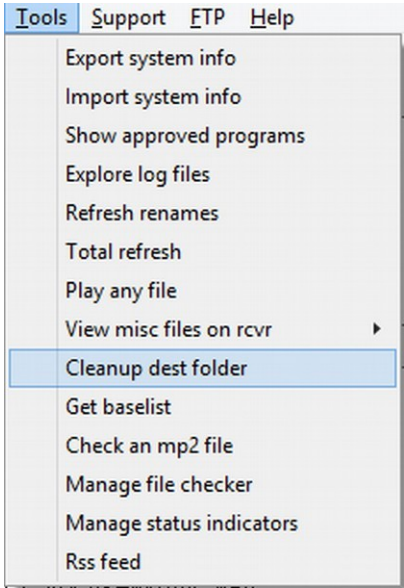
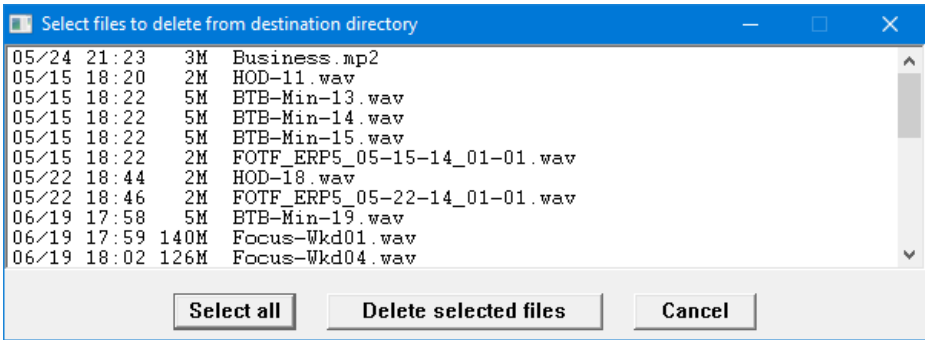
The Amb-OS User Interface mainly transfers audio programs, but the [AMR-100](#) receiver has the installation manual and the Amb-OS User interface export file. This option views other files sent to the [AMR-100](#) receiver.

NOTE
To view PDF files, [Adobe Acrobat Reader®](#) must be installed on the computer.



Cleanup dest folder

This checks the programs in the destination folder and compares it to the programs on the [AMR-100](#) receiver. Programs not on the [AMR-100](#) receiver, but in the destination folder are displayed and the programs can be deleted. The window lists the program's rename pattern to help identify programs to delete.



Use the normal Windows® selection keys.

- Mouse Click – selects individual file and deselects any previously selected file.
- <Shift>Mouse Click – selects the files between the first file and the second selected file.
- <Ctrl>Mouse Click – selects the current file and leaves the previously selected file.

Select all selects all the files.

Delete selected files deletes the highlighted programs.

Cancel closes the window.

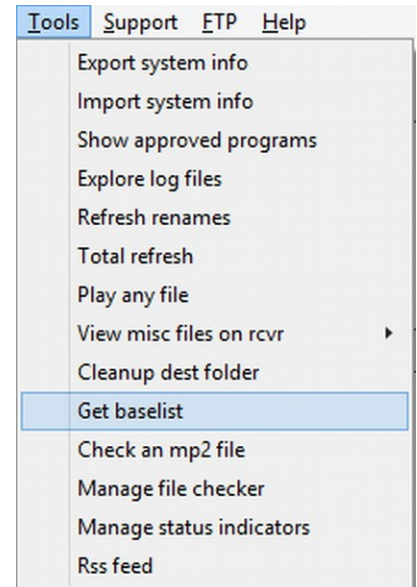
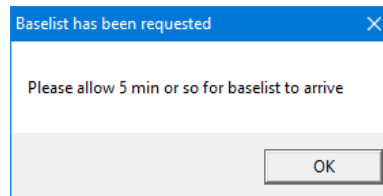
WARNING
Deleted programs cannot be recovered.

Get baselist

The baselist determines whether the local [AMR-100](#) receives the programs sent by the Amb-OS system. The baselist contains the complete list of approved programs for the local [AMR-100](#). This prevents unnecessary programs from filling up the [AMR-100's](#) hard drive. The Amb-OS User Interface automatically requests a baselist when needed, this option manually requests the Amb-OS system to send a baselist for the [AMR-100](#).

Use this to verify requested programs are being sent to the [AMR-100](#).

Depending on programs being transmitted by the Amb-OS system, it could take as long as five minutes for the satellite enabled [AMR-100](#) receiver and up to 25 minutes for the Internet only [AMR-100I](#) receiver.



NOTE

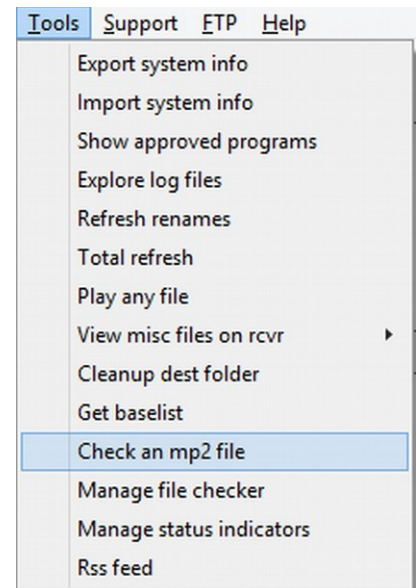
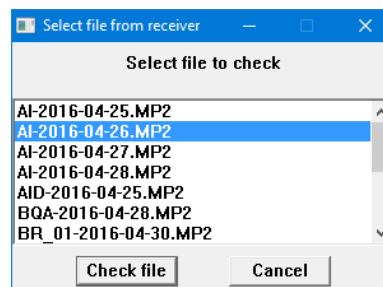
XDS Limitation: The Amb-OS system does not send program permissions to the XDS receiver; therefore, no baselist exists to be retrieved by Amb-OS system.

Check an mp2 file

The Amb-OS User Interface may not be able to transfer a corrupted program on the [AMR-100](#). This option has the Amb-OS User Interface verify the integrity of the MP2 program on the [AMR-100](#) and it also displays the [Cart Chunk information](#) for the program.

The window displays programs by the [Amb-OS system name](#). The Amb-OS User Interface checks each frame of the MP2 file on the [AMR-100](#) for any errors. The information is displayed in the [Status Message Window](#) at the bottom of the [main Amb-OS User Interface screen](#).

Highlight the program to be checked and click on “Check file.” Only one program can be checked at a time.



NOTE

Use the scroll bar in the [Status Message](#) window to view the MP2 file information.

Sample [Cart Chunk](#) information:

```
verifying BTTB_BT5_05-13-16_01-01.MP2
sizes 35989524 and 35989532 diff 8
cartchunk id    '0100'
title           'Back to the Bible Daily'
artist          'Dr. David Chadwick'
cutid           'BTTB_BT5'
category        ''
classification   ''
outcue          ''
startdate/time  '2016-05-13' ''
enddate/time    '2016-05-15' ''
producerappid  ''
producerappver  'CartChunk 016'
userdef         'RT=1499.520'
data size 35988480. checking mp2 frames...
samplerate 48000 bitrate 192 frsize 576
mode=8 (mono) chan=1
62480 frames checked, 0 bad
```

The last line shows the program did not have any errors (“0 bad”).

Key Definitions:

Title – Program name

Artist – Host or ministry name

Cutid – [Amb-OS program](#) identifier

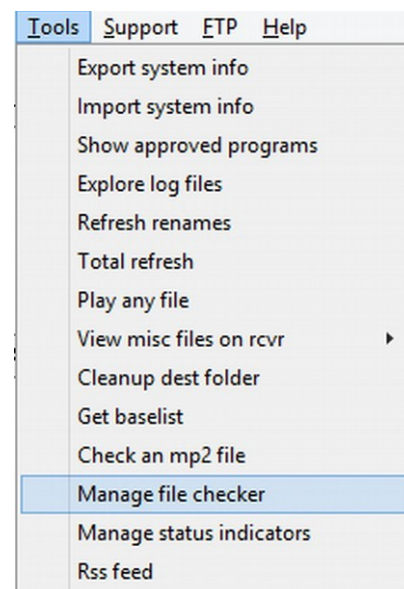
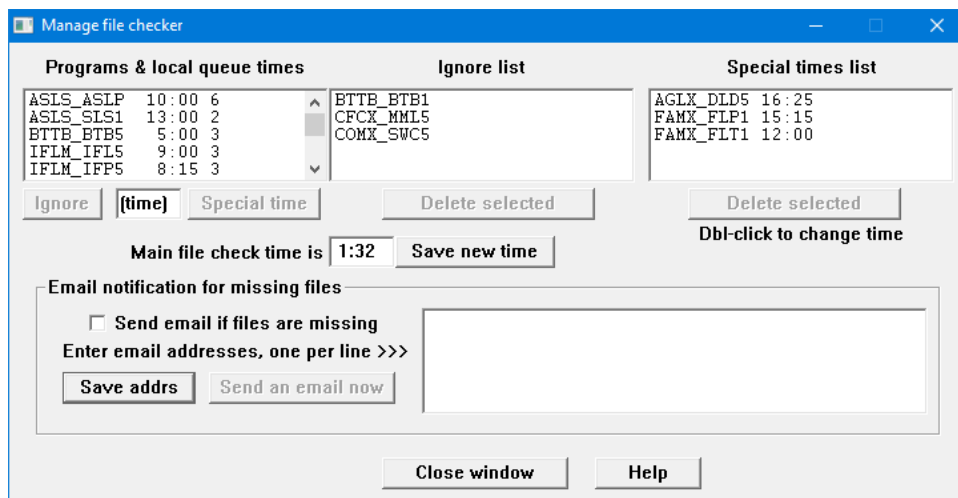
Startdate/Time – When a program is available for transfer or playback (no time = midnight)

Enddate/Time – When a program will be deleted by the Amb-OS system (no time = midnight)

Samplerate – All [Amb-OS programs](#) are 48K

Mode (8 or 16 bit) – 8 bit = mono and 16 bit = stereo

Manage file checker



General Description

File Check verifies programs have arrived on the [AMR-100](#) and can notify personnel if a program has not arrived. The File Checker compares the programs on the [baselist](#) with the ones on the [AMR-100](#), checks the date of the program (embedded in the [Amb-OS program name](#)) and the number of days in advance of the air date to determine if the program should be on the [AMR-100](#). If the program has not arrived, the checker sends an email to the address entered in [Email Notification](#) window.

WARNING

Emails will not be sent when the [Do Not Send Email](#) option has been checked in the [System Information](#) settings or if no email address has been entered.

Programs can be ignored by adding them to the [Ignore list](#) and checked at a different time by putting them in the [Special times list](#). Programs in the [Ignore list](#) never get checked and programs in the [Special times list](#) get checked at the [designated time](#).

NOTE

Programs with an "x" in the [rename pattern](#) are ignored by the File Checker.

Rename Local Files		
Program long name	Rcvr pattern	Local pattern
Grace to You Daily PROMO	GTYX_GTP5	x
Grace to You Daily CM	GTYX_GTY5	

NOTE

The [XDS receiver](#) cannot use the File Checker, because program permissions are not managed through the Amb-OS system. The Amb-OS User Interface does not know which files should be on the [XDS Receiver](#).

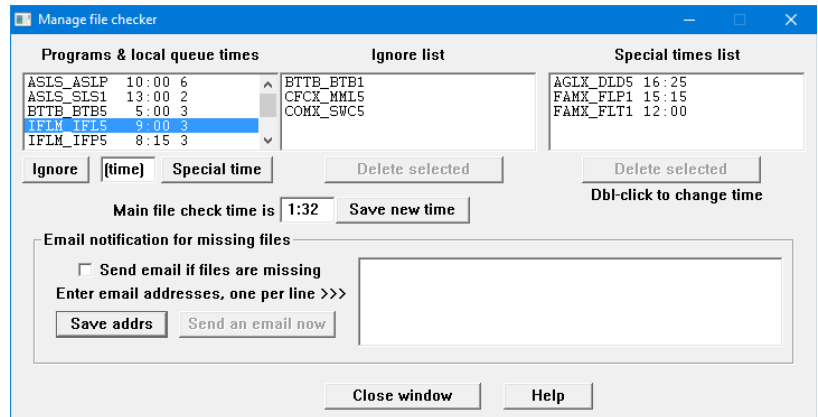
Application

If some programs normally do not arrive until after the [main file check verify time](#), an [email](#) will be sent every day, because the program would never be on the [AMR-100](#) at the [main check time](#). Changing the [check time](#) to a later time could cause programs that arrive and air earlier to not generate an [email](#) if they arrive after the new time. To solve this, use the [Special times](#) list to check individual programs after they normally arrive. To never check a program and not get notifications, add it to the [Ignore list](#).

The Programs and Local Queue Times

This lists all the programs with the [Amb-OS program name](#) available on the [AMR-100](#) with the transmission [queue time](#) and the number of days in advance of the broadcast day. If a program generates an [email](#) because it arrives after the [check time](#), the program can be added to either the [Ignore](#) or [Special times](#) lists.

Program list elements



To add programs to either list, highlight the desired program name, which activate the [Ignore](#) and [Special time](#) buttons, and select either option.

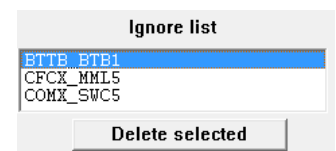
NOTE
If a program arrives three days in advance of the air date, the File Checker verifies the program the same number of days in advance.

Programs are checked the same number of days in advance of their air date. For example, if a program arrives on Wednesday for airing on Friday, the File Checker checks for Friday's program on Wednesday when it should arrive.

Ignore list

To add a program, highlight the desired program in the list of programs and click on the Ignore button.

To remove a program from the Ignore list, highlight the desired program in the Ignore list of programs and click on the "Delete selected" to have the File Checker revert to verifying the program at [main check time](#).

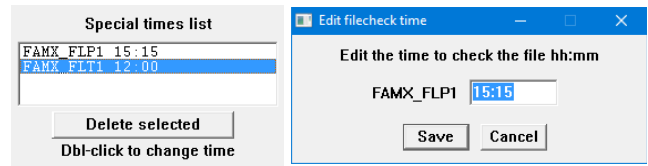
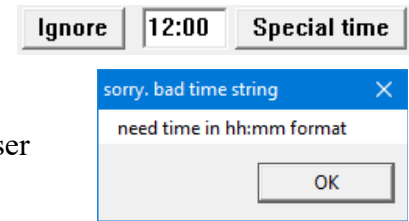


Special Times List

To add a program, highlight the desired program in the program list, enter the time in 24-hour format and click on the “Special time” button. A time has to be entered (without seconds) or the Amb-OS User Interface generates an error.

To remove a program from the Special Time list, highlight the desired program in the special list and click on the Delete Selected button. The File Checker reverts to the [main check time](#).

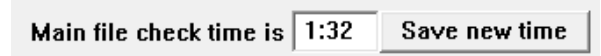
Change the time of program by double-clicking on the desired program in the “Special times” list to open the change time window. Enter the new time and click on “Save” or, to keep the original time, click on “Cancel.”



Main File Check Time

Changes the time when the File Checker compares the [baselist](#) to the programs on the [AMR-100](#). The check happens at the time set every day.

Set the time using a 24 hour time format – 1:00 for 1:00 AM and 13:00 for 1:00 PM. The time needs to be late enough to all programs to arrive, but early enough to be able to make any corrections. Click on the “Save new time” button to save the changed time.



WARNING
Closing the window before saving the time discards the changes and reverts to the previous time.

Email Notification for missing files

To receive email notifications for missing programs, check the “Send email if files are missing” box. After selecting the box, the buttons “Save addr” and “Send email” become active. Enter the recipient’s email addresses. Put in one address per line and then click on “Save addr” button.

Save addr: Saves the addresses entered in the email.

Send an email now: Sends an email to the addresses in list as a test.



WARNING
Emails will not be sent when the [Do Not Send Email](#) option has been checked in the [System Information](#) settings or if no emails are entered in the address box.

Buttons

Close window: Closes the window

Help: Opens the local help window



Manage status indicators

Customizes the [status indicators](#) in the [main Amb-OS User Interface](#) and the [email notifications](#).

Eb/No

Eb/No, a relative indication of signal strength, should not vary significantly under normal circumstances. If the Eb/No drops significantly, a problem could exist in the RF chain and the local support personnel can be notified through [email](#) when the signal strength drops below the desired level.

AMR-100I Limitation: Because the [AMR-100I](#) does not use RF, this setting has no effect on notifications.

XDS Limitation: The Amb-OS User Interface cannot access the [XDS](#) receiver statistics; however, the [XDS](#) receiver should reflect the Eb/No on the [AMR-100](#) receiver.

The [AMR-100](#) has a strong RF section and can receive programs even with very low Eb/No readings; however, other receivers using the same signal may not be able to function. If the Eb/No drops significantly, the [AMR-100](#) may still receive programs; however, it indicates an issue with the RF chain.

Red if below: The Eb/No status indicator changes to red if the Eb/No of the [AMR-100](#) receiver drops below the assigned number. Use this number as the lowest useable RF signal.

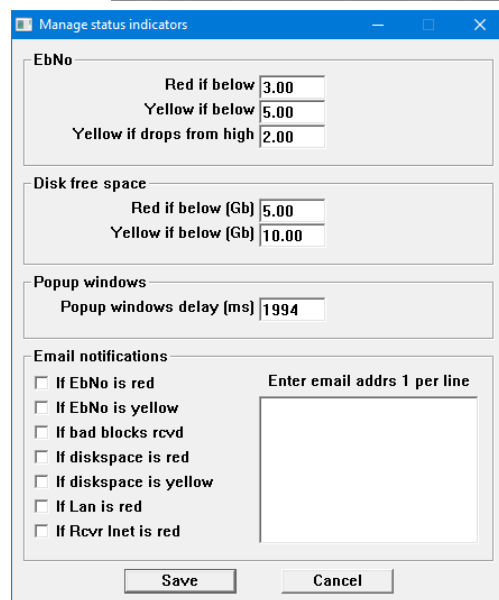
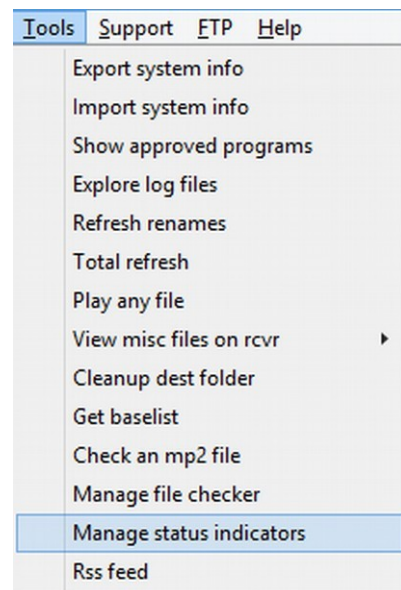
Set the number low enough to prevent false notifications, but high enough to generate an alert for any situation that needs attention. The Amb-OS User Interface sets the default to 3 dB.

Yellow if below: The Eb/No status indicator changes to yellow if the Eb/No reported by the [AMR-100](#) receiver drops below the assigned number. Use this number as a warning that the RF signal is degrading, but still useable.

Set the number low enough to prevent false notifications, but high enough to generate notifications of degrading signals. The Amb-OS User Interface sets the default to 5.

Yellow if drops from high: The Eb/No status indicator changes to yellow if the Eb/No drops from the normal high reading.

Set the number to account for normal fluctuations of RF levels. If the Eb/No normally runs around 10 dB \pm 2 dB (8-12), then set the number at 3 so it sets the indicator when the Eb/No drops below 8 or above 12. The Amb-OS User Interface sets the default at 2.



WARNING

During the sun transit outages emails get sent, because the Eb/No will go to 0 each day during the outage period.

Disk Free Space

[Emails](#) can be sent when the disk free space falls below the desired size. If the available space is too small, programs may not be transferred. Normally, the defaults of 5Gb for critical (red) and 10Gb for warning (yellow) suffice.

Disk free space	
Red if below (Gb)	<input type="text" value="5.00"/>
Yellow if below (Gb)	<input type="text" value="10.00"/>

The amount of space necessary for each situation varies with the number of programs transferred and whether programs are [converted](#) to WAV files. As a rule of thumb, Amb-OS MP2 programs take roughly 1Mb a minute. WAV files take about 10Mb a minute. A 30 minute MP2 program uses approximately 30Mb of space and a WAV file uses approximately 300Mb. Storing more than 33 programs on the [destination directory](#) may require the critical space be increased over the default of 10Gb.

Archiving programs longer periods of time requires a larger [destination drive](#). If space gets low, programs may not transfer. If an error occurs stating a program could not be written, check the available disk space on the [destination directory](#). Consider removing old programs using the [cleanup destination folder](#) utility found in the [tools menu](#). This deletes programs no longer on the [AMR-100](#). The Amb-OS system automatically deletes programs from the [AMR-100](#).

NOTE

If the drive space indicator in the [Status Indicator](#) area consistently becomes red or yellow, more drive space may need to be added or unnecessary programs may need to be deleted to free up space.

Popup Windows

When hovering the mouse over the [status indicators](#) section, a window opens while the mouse is over an [indicator](#). This specifies the amount of time before the window opens. The delay can be extended or shortened by changing the number. The bigger the number the longer the delay to open the window. A “0” setting opens the window open immediately. 1000 milliseconds means leaving the mouse of the indicator for a second before the window opens.

Popup windows	
Popup windows delay (ms)	<input type="text" value="1000"/>

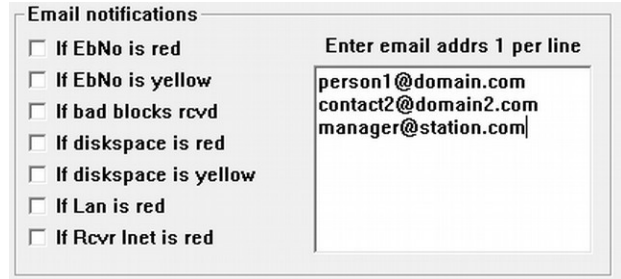
Regardless of what [indicator](#) is under the mouse, once the time delay has been met, moving the mouse over another indicator without leaving the [indicator section](#), the next pop up window comes up immediately. After moving the mouse to any other area, the delay resets.

Email Notifications

Selects the events to notify personnel when any of the [status indicators](#) fall below the limits set in the [manage indicators](#) or when the [AMR-100](#) receives bad blocks that could indicate a faulty RF signal.

Select the items to generate emails by checking the desired indications. Add email addresses in the email address box. For multiple email addresses, enter an address and press [ENTER] then the next address until all the addresses have been successfully entered.

If the computer running the Amb-OS User Interface loses its Internet connection, check “Do not send email” in [Email Settings](#) in the [System Information](#) settings.



Save/Cancel

Press the Save button to save the settings and Cancel to ignore changes and leave the settings at the previous value.



RSS

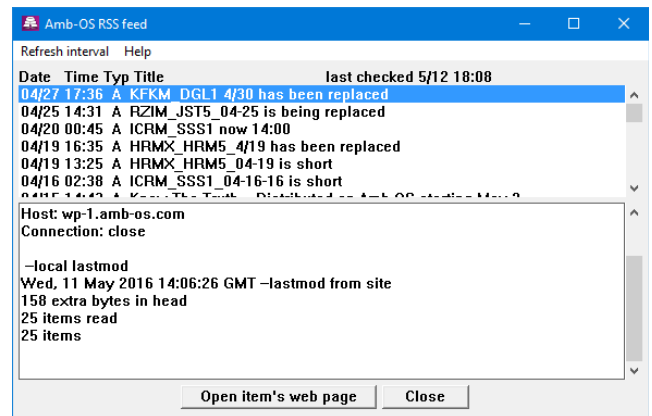
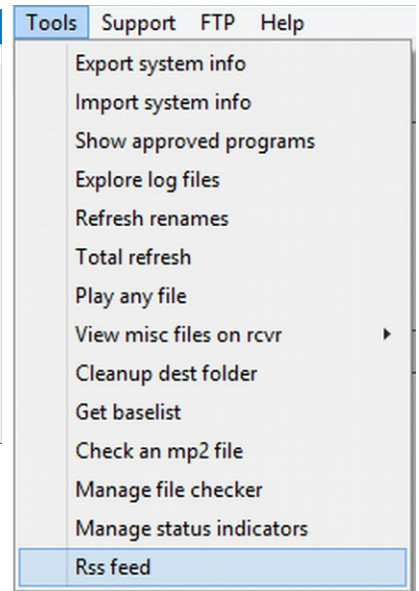
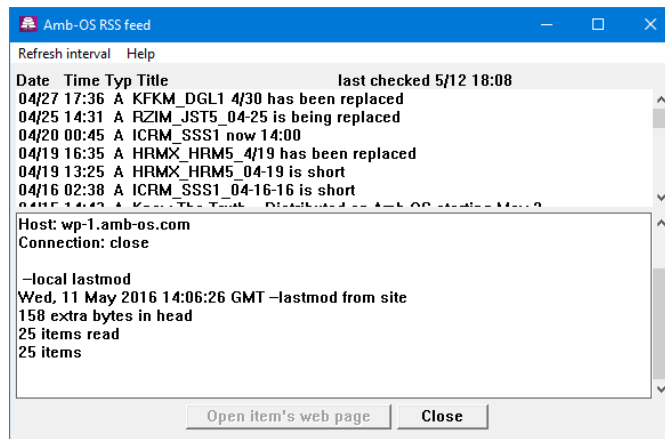
Lists the Amb-OS RSS feeds.

The Amb-OS system uses RSS feeds to notify stations of changes or issues with programs. The information can be received by subscribing to the feeds (<http://www.amb-os.com/rss.html>).

The message pane at the bottom of the window, shows the status of the RSS system. Clicking on a message in the upper pane displays the RSS message in the lower pane.

Open item's web page: Opens the RSS feed site with that feed's message. Older messages may not be available, because they get deleted from the web page.

Close: Closes the RSS feed window.



Support

An Internet connection is required for all [email functions](#) and the [update](#) of the Amb-OS User Interface. Amb-OS personnel use these to troubleshoot systems errors and failures except for [Updating the UI](#) and [Recheck name changes](#).

WARNING

If the computer running the Amb-OS User Interface does not have an Internet connection, be sure to check the [Do not send email](#) option in the [System Information](#) settings.

Support Menu Options

[An Internet connection is required](#)

Upload activity to rcvr

Upload debug to rcvr

Upload export to rcvr

Upload ftpexport to rcvr

Upload namechlog to rcvr

Email activity to support

Email debug to support

Email export to support

Email files db to support

Email ftpexport to support

Email ftplog to support

Email namechlog to support

FTP file to support

[Backup files to Ambassador](#)

mp2check a file (email results)

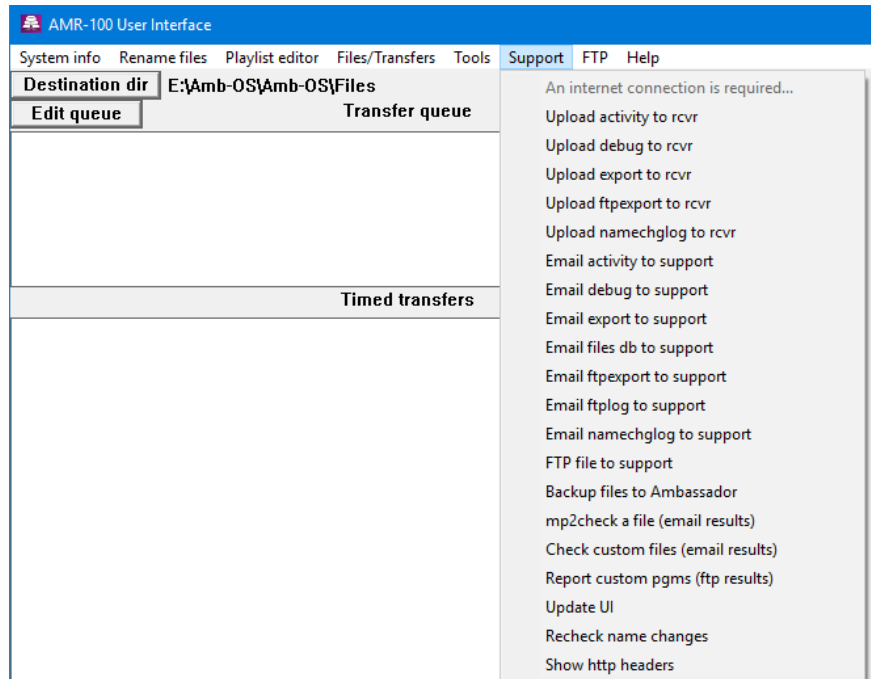
Check custom files (email results)

Report custom pgms (ftp results)

[Update UI](#)

[Recheck name changes](#)

Show http headers



Sending Logs to the [AMR-100](#) Receiver or to Amb-OS support email

The upload, email and FTP options send log files to either the [AMR-100](#) receiver or the Amb-OS support email. The [Activity Log](#), Debug File, [Export File](#), [FTP export log](#) and a potentially [corrupted audio program](#) can be uploaded or emailed. Only use these options when instructed by Amb-OS support personnel.

WARNING

Do not email or upload any reports or files to support unless instructed to do so by Amb-OS support personnel.

To check an MP2 program on the [AMR-100](#), use the [Check an mp2 file](#) in the [Tools](#) menu.

An Internet connection is required

A notice that the support functions require an Internet connection.

Uploading or Emailing Files

These functions allow Amb-OS support personnel to examine settings to isolate problems. Like the Upload and Email options, use these only when directed by Amb-OS support personnel.

- Upload activity to rcvr
- Upload debug to rcvr
- Upload export to rcvr
- Upload ftpexport to rcvr
- Upload namechlog to rcvr
- Email activity to support
- Email debug to support
- Email export to support
- Email files db to support
- Email ftpexport to support
- Email ftplog to support
- Email namechlog to support
- FTP file to support

Backup Files to Ambassador

Uploads [activity logs](#) to the Ambassador FTP site for diagnostic support.

Update UI

Use this to update the Amb-OS User Interface to the latest version or roll back to a previous version of the software. It preserves all settings from the current version.

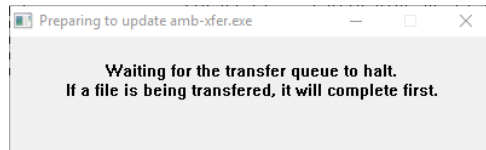
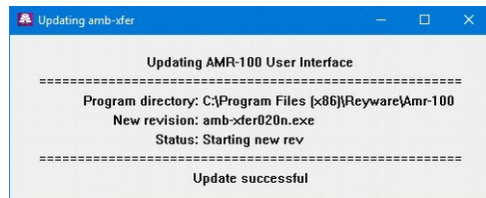
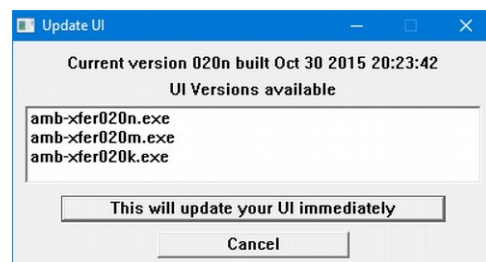
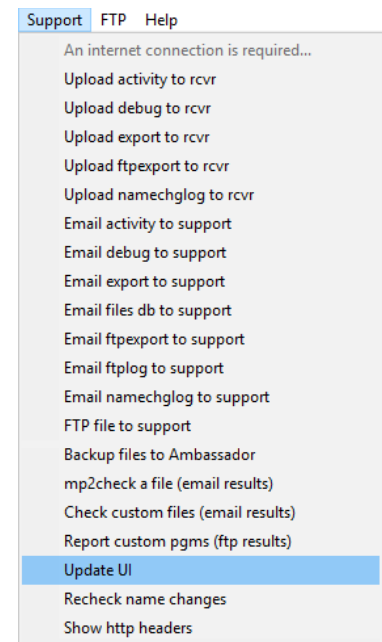
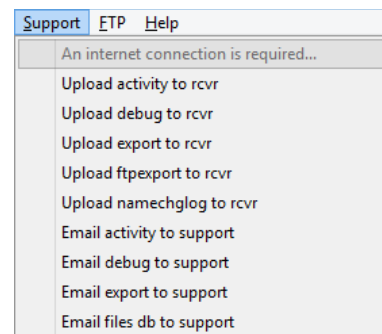
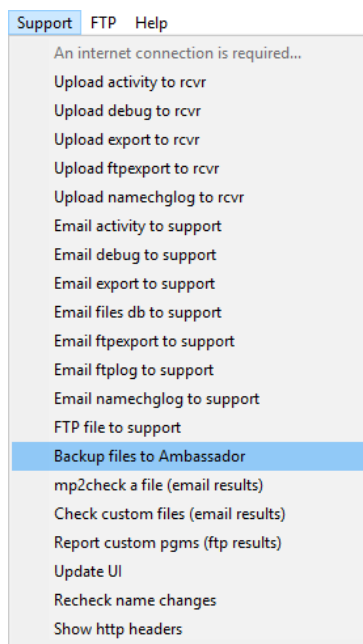
Clicking on the “Update UI” option opens a window listing all available versions of the Amb-OS User Interface.

- Click on the desired version to use.
- Click on “This will update your UI immediately”

A window opens stating the selected version is being downloaded. After downloading, the queue is stopped and the version installed. The message shows a countdown and then displays the “Update successful” message. The update window automatically closes after the successful version change.

If the Amb-OS User Interface is transferring a program, a window opens indicating the transfer has to finish before the update installs.

Cancel aborts the operation.



Recheck name changes

When ministries change their program name, the Amb-OS User Interface automatically changes the [Amb-OS program name](#) in the [Rename Files](#) window when desired. If program names have been changed, when the Amb-OS User Interface starts, a window opens listing the programs that have pending name changes. The names can be [changed immediately or delayed](#); however, the [rename pattern](#) remains unchanged. To change the [renames](#) to match the new program names must be done manually.

Program name changes can be applied to programs that have already been transferred with the old [Amb-OS program name](#) and the old [rename pattern](#). If the local [rename pattern](#) was changed to correspond to the new [Amb-OS program name](#), this options allows programs to be refreshed with the new [rename pattern](#). If the local [rename pattern](#) was not changed with the new program name, this can be ignored.

Without any pending renames, the window does not open.

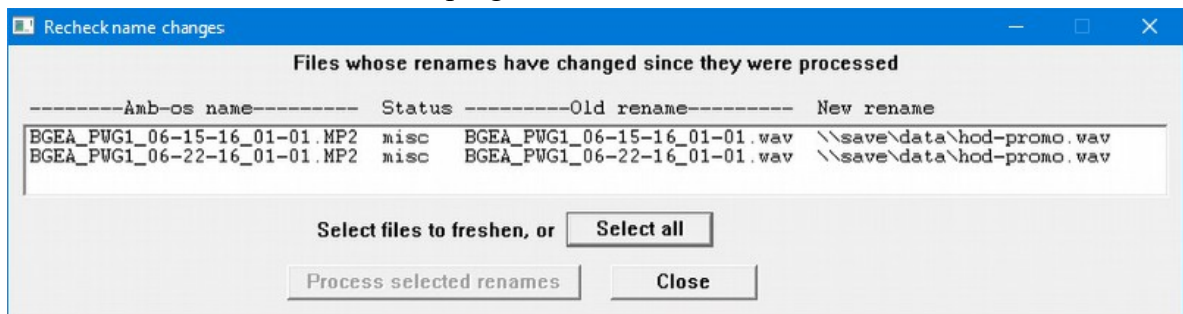
The windows displays:

Amb-os name: This is the new [Amb-OS system name](#) of the program.

Status: The transfer method used. This is normally “[misc](#)” ([miscellaneous transfer](#)) so the program does not get transferred with the new name before the automation system can be changed to reflect the new name.

Old rename: This identifies the old [rename pattern](#) to help in finding the old program in the [rename pattern](#) window.

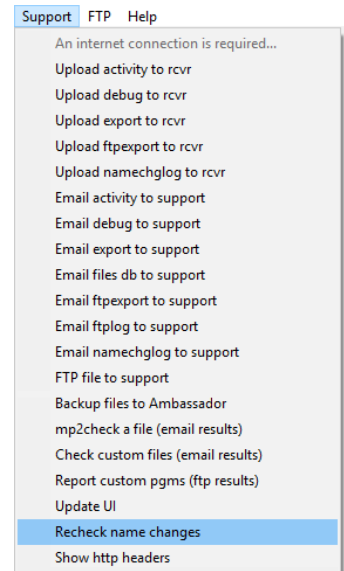
New rename: This shows the new program name selected.



Click on the programs to change or click on Select all to select all programs. After selecting the desired programs, click on Process selected renames. To not change any of the programs, click on Close without any names selected.

NOTE

Programs can have any [rename pattern](#) so the old [rename pattern](#) can be left unchanged. This may create confusion when trying to isolate a problem with a program, but the name does not have to be changed.



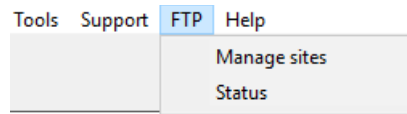
FTP

The Amb-OS User Interface can download programs from an FTP site and process them like transferring programs from the [AMR-100](#) receiver. With the exception of combing multiple part programs, the [rename options](#) used in transferring programs from the [AMR-100](#) can be used.

NOTE
After configuring the FTP sites, the Amb-OS User Interface requires no user intervention to retrieve programs.

Options

[Manage sites](#)
[Status](#)



FTP File Type Transfer Notes

- MP2 programs can have their [file extension](#) and [Cart Chunk](#) information changed, added, preserved or modified as specified in the [System Info](#).
- WAV programs can have the extension changed and renamed, but they cannot be converted to another format.
- MP3 programs cannot be [converted](#) or have the [file extension](#) changed, but they can be [renamed](#).

WARNING
The Amb-OS User Interface FTP transfer cannot convert MP3 files and are transferred without any conversion and retain the MP3 extension.

Manage Sites

Site Maintenance Pane

Edit Site Pane

Status/Navigation Pane

Edit Program Pane

Programs (Status) Pane

Global Buttons

The screenshot shows the 'Manage FTP sites' application window. It features a table of sites, an 'Edit site' form, a file browser, an 'Edit program' form, and a 'Programs at Focus' table. A set of buttons at the bottom right is circled.

Name	Host	User	Programs
Ambassador	ftp.ambassadoradvertising.com	station	1
Focus	ftp.focussat.net	satops	2

Edit site

Site name:
Host:
User:
Password:
Start dir:
Port: Save site

Open site

Up | Directories | Files (click to add pgm) | FTP activity

Save as: File being saved is shown here

Edit program

Path: /var/ftp/fsn/downloads/Christian/love_worth_finding/us/comm_version
Pattern: LWF_CM_mm+dd.mp2
Lcl name: LWF-Daily-%d
Cart title: Love Worth Finding
Ministry: LWF
Schedule: daily+2 at 13:00 Distrib for: Su Mo Tu We Th Fr Sa Save

Programs at Focus

Lcl name (file only)	Schedule	Pattern	Remote path
LWF-Daily-%d	daily 13:00	LWF_CM_mm+dd.mp2	/var/ftp/fsn/downloads/Christian/love_worth_finding/us/comm_version
PandT-Wkd-%d	Wed 13:00	Paws_and_Tales_mm+dd.mp2	/var/ftp/fsn/downloads/Christian/insight_for_living

Edit pgm | Delete pgm | Export to file | Import from file | Save data | Close

Site Maintenance Pane

The site maintenance options are: [Add site](#), [Edit site](#), [Open site](#), [Logout](#), [Delete site](#) and [Help](#). Use this to create access to FTP sites to download programs.

NOTE

When connected to a site, none of the site settings can be changed. Logout of the site to enable editing or deleting sites.

Steps to get programs from an FTP site:

1. [Add a site](#)
2. [Open the FTP site](#)
3. [Select the desired program](#)
4. [Set the download options](#)

Add site

Enables the [Edit site pane](#) to allow entering login information. Without any saved sites only the Add site and [Help](#) buttons are active. After adding a site, only the [Logout](#) button remains inactive until opening a site.

Name	Host	User	Programs
<input type="button" value="Add site"/> <input type="button" value="Edit site"/> <input type="button" value="Open site"/> <input type="button" value="Logout"/> <input type="button" value="Delete site"/> <input type="button" value="Help"/>			
Name	Host	User	Programs
Ambassador	ftp.ambassadoradvertising.com	station	1
Focus	ftp.focussat.net	anonymous	2
<input type="button" value="Add site"/> <input type="button" value="Edit site"/> <input type="button" value="Open site"/> <input type="button" value="Logout"/> <input type="button" value="Delete site"/> <input type="button" value="Help"/>			

Edit site

Click on a site and then on Edit site to populate the [Edit site pane](#) with the settings for that FTP site to allow changing the settings.

Name	Host	User	Programs
Ambassador	ftp.ambassadoradvertising.com	station	1
Focus	ftp.focussat.net	anonymous	2

Edit site	
Site name	Focus
Host	ftp.focussat.net
User	anonymous
Password	*****
Start dir	
Port	21
<input type="button" value="Save site"/>	

Open site

Logs into a site. After successfully connecting to the site, only the [Logout](#) and [Help](#) buttons become active. If the login failed, the buttons do not change and an error is displayed in the [FTP activity window](#) in the [Status/Navigation pane](#).

Logout

Disconnects from the site and enables the other buttons and allows [editing of site information](#).

Closing the [FTP Manage site window](#) automatically logs out of a site.

Name	Host	User	Programs
Ambassador	ftp.ambassadoradvertising.com	station	1
Focus	ftp.focussat.net	anonymous	2

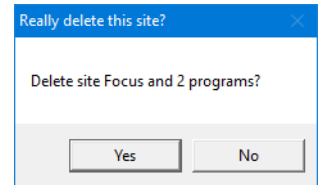
Name	Host	User	Programs
Ambassador	ftp.ambassadoradvertising.com	station	1
Focus	ftp.focussat.net	anonymous	2

Delete site

Highlight the site to be deleted and click on “Delete site” to remove the site. This also removes the programs from that site and listed in the [Program List](#) preventing the Amb-OS User Interface from trying to download a program without a login to the site.

A window opens to confirm the site deletion. “Yes” deletes the site and file settings for that site and “No” leaves the site and the files.

Name	Host	User	Programs
Ambassador	ftp.ambassadoradvertising.com	station	1
Focus	ftp.focussat.net	anonymous	2

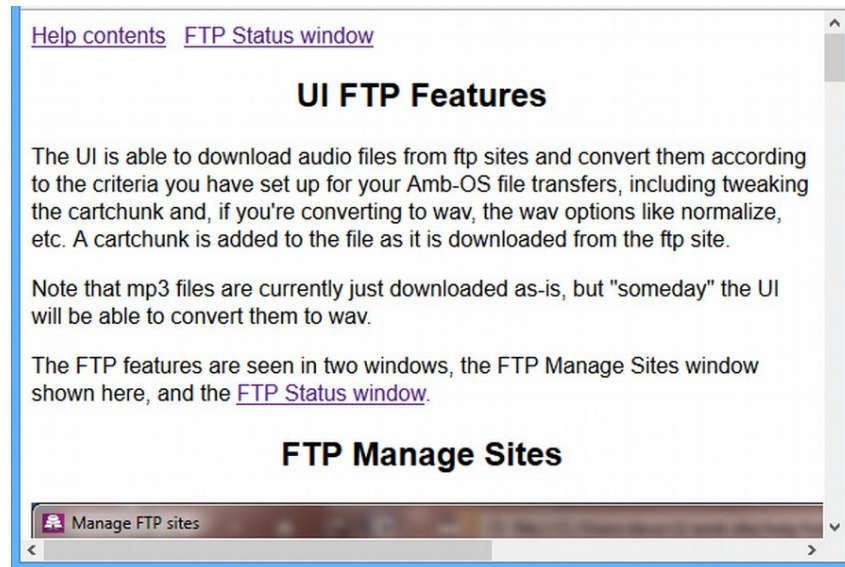


WARNING

Deleting a site removes the programs associated with that site and the deletion cannot be undone.

Help

Opens the help file for the [FTP site manager](#).



Edit Site Pane

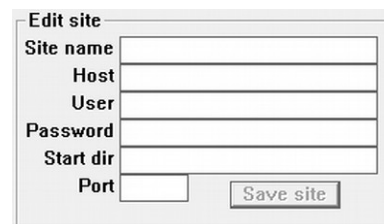
This pane and the [Save site](#) button stay inactive until clicking either the [Add site](#) or [Edit site](#) button. While data may be entered without clicking on the [Add site](#) or [Edit site](#), the data cannot be saved.

WARNING
The data in the Edit site window cannot be saved unless [Add site](#) or [Edit site](#) activated the pane.

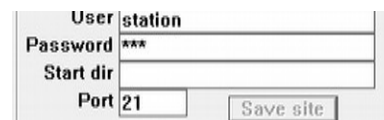
The [Save site](#) window becomes active after clicking on the [Add site](#) or [Edit site](#). The [port](#) is automatically set to the default port of 21.

Site name: Any name can be entered to easily identify the site. A site name is required to save the site's login information.

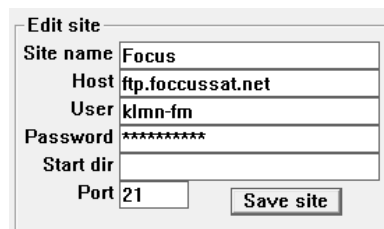
Host: Enter the URL of the site. While most FTP sites begin with "ftp," some may begin with "www" so verify the correct URL name.



The screenshot shows the 'Edit site' window with the following fields: Site name, Host, User, Password, Start dir, and Port. The Port field is set to 21. A 'Save site' button is visible at the bottom right.



The screenshot shows the 'Edit site' window with the following fields: User (station), Password (***), Start dir, and Port (21). A 'Save site' button is visible at the bottom right.



The screenshot shows the 'Edit site' window with the following fields: Site name (Focus), Host (ftp.focussat.net), User (klmn-fm), Password (*****), Start dir, and Port (21). A 'Save site' button is visible at the bottom right.

WARNING
Do not put in the protocol parameter (ftp:// or http://) for a proper URL.

User: Enter the user name for the site. Some sites allow an anonymous login. If so, enter "anonymous" as the name. Many sites require a specific user name and some sites have case sensitive user names. Contact the ministry to obtain a user name.

Password: Enter the password of the site, which is usually case sensitive. If the user name is "anonymous," sometimes this can be blank. If that fails, enter an email address or just some text with "@" in it (for example, "get@in"). If a site requires a specific password, contact the ministry to obtain a password.

Start dir: Most sites automatically start in a directory that has the downloads and this can be left blank. However, some sites hide directories or have several layers of directories and the start directory can be used to go directly to the desired location. If so, put in the path of the directory with the programs; for example, "/radiostation/complete." After selecting a directory with the desired programs, the Amb-OS User Interface will not need to be directed to that program directory and there is no need to wade through a directory tree to find programs.

Port: The default FTP transfer port is 21. Unless a ministry specifies a different port, use the default port.

Save site: After entering the parameters, click on Save site to store the settings. The new site will be listed in the [Manage site pane](#).

WARNING
Clicking on [Add site](#) before [Save site](#) clears the settings without saving them and they will have to be entered again.

Status/Navigation Pane

Navigates through an FTP site, allows selecting of programs and displays the [FTP Activity](#).



Current Directory: Shows name of the FTP site and the currently selected directory. “/” is the root directory of the users FTP access to a site.

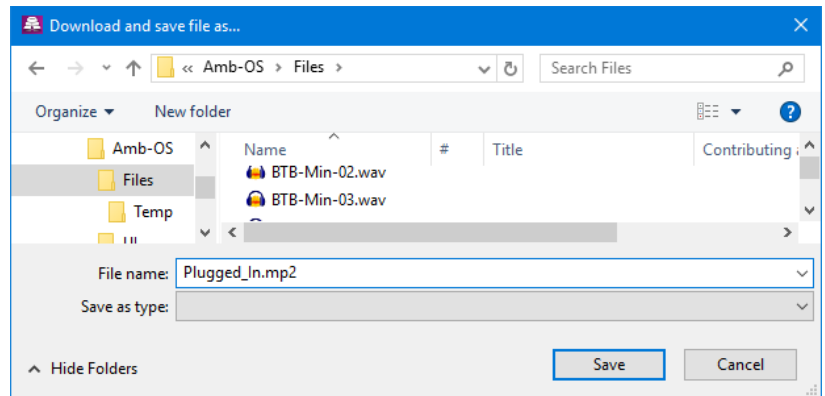
Before opening a site, the current directory has “[Open site](#)” displayed.

Up: Moves up the directory tree after going into [sub-directories](#).

Save as: Allows a highlighted program to be saved immediately.

Any file can be saved. The format of the original file does not matter. A normal save dialog box opens to select the directory and the name of the saved file.

NOTE
Programs saved with the Save as button will be transferred in the same format as it is on the FTP site.



Programs saved with “Save as” will not have any of the parameters in the [FTP pattern](#) applied and it will not do any [format conversions](#). Any name can be used in the “File name” option in the “Save as” dialog box. Select one file at time and a new program cannot be saved before the previous program completes downloading.

With no program selected, “Save as” is inactive.

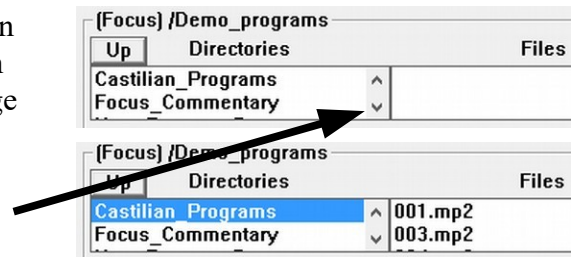
Progress bar: Displays the progress of the [saved program](#).

Local File Name: The name of the local program.



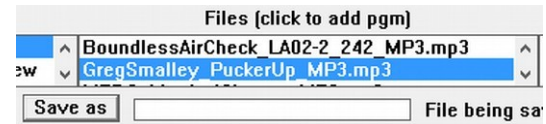
Sub-Directories: Click once on the desired directory to open the directory. If no files appear in the [Files window](#), then only sub-directories exist. If the directories do not change when a sub-directory is selected, then no sub-directories exist.

Use the “up” and “down” arrow keys, on right of the window, to navigate through the directory list.



Files: This shows the content of the selected [directory](#). Any of the programs or files can be selected for saving and for automated downloads in the [Edit program pane](#).

Use the “up” and “down” arrow keys, on right of the window, to navigate through the program list. Click once on a program or file to add it to the [Edit program pane](#).



FTP activity: This shows the current status of the site and any errors. After [logging out \(closing\)](#) of a site, the [FTP activity log](#) keeps the log for that site until [opening](#) a different site.

After [closing](#) a site and [opening](#) a site, a new log begins and it clears the log for the previous site. The [Message window](#) in the main Amb-OS User Interface also logs all activity. The messages from the previous site remain in that window. Because the [main activity log](#) window records all Amb-OS User Interface [activity](#), the messages from the [FTP activity](#) get intermixed with other messages and may be hard to find.



Use the “up” and “down” arrow keys, on right of the window, to navigate through the activity list.

NOTE
The FTP activity window is cleared when a different site is opened.

NOTE
New programs can be added only when logged into a site.

Edit Program Pane

After selecting a program in the [Status/Navigation pane](#), the program comes in the Edit program pane for customizing the name. To have multiple programs from the site, select one program at a time, edit the settings and save each program before selecting the next one.

Path

The selected program in the [Status/Navigation pane](#) automatically gets the path field filled. The Amb-OS User Interface saves this in order to be able to get to the same directory whenever it transfers. To account for changing years, months and days, the directory path has variables to automatically find the current directory. Use the variables rather than editing the path to change directories. If a ministry changes directories edit the path or select the program again with the new path.

If the path seems unclear, contact the ministry for an explanation on how they name directories.

Directory Naming Convention	Substitute Variable
For directories with just a year (...program/ 2015)	Substitute yyyy for 2015
For directories with just a two digit month (...program/ 02)	Substitute mm for 02
For directories with a three letter month (...program/ Feb)	Substitute Mmm for Feb
For directories with the full month name (...program/ February)	Substitute Mmmm for February
For directories with the quarter (...program/ 1st)	Substitute Qqq for 1st
For directories with the Spanish three letter month (...program/ Feb)	Substitute Eee for Feb
For directories with the Spanish full month name (...program/ Febrero)	Substitute Eeee for Febrero
Example	
ministry/program/2015/Feb	Substitute ../program/yyyy/Mmm
ministry/program/02February	Substitute ../mmMmmm

WARNING

Deleting the path information prevents a program from transferring.

Pattern

This allows using substitute variables in the program source name enabling the Amb-OS User Interface to find programs that change names or to ignore unpredictable elements. This can automatically find a program with a date in the name without daily intervention.

If the Amb-OS User Interface recognizes a pattern, it automatically applies the appropriate variables.

Program on FTP site	Automatic Pattern
GTYX GTY5 12-03-16.MP2	GTYX GTY5 mm+dd+yy.MP2

If left blank or the entered pattern does not match anything, a window pops up stating the rename pattern rules match the [rename pattern](#) in the [rename files](#) option.

If the name seems unclear, contact the ministry for an explanation on naming conventions.

Pattern Options	
FTP Program Name with...	Substitute Pattern
A four digit year, two digit month and day Program Name: prgm-20160210	Substitute: prgm-yyyymmdd
A two digit month, day and year Program Name: prgm-021016	Substitute: pgrm-mmddyy
A four digit year, two digit month and day with a separator between segments Program Name: prgm-2016-02-10, prgm-2016 02 10 or pgrm-2016 02 10	Substitute: pgrmyyyy+mm+dd
A four digit year, two digit month and day and a separator between segments Program Name: prgm-2016-0210, prgm-2016 2010 or prgm-2016 0210	Substitute: pgrm-yyy+mmdd
A four digit year and two digit month and a separator between the segments Program Name: prgm-2016-02, prgm-2016 20 or prgm-2016 02	Substitute: pgrm-yyy+mm
A two a digit month and day, four digit year and a separator between the segments Program Name: prgm-02-10-16, prgm-02 10 16 or prgm-02 10 16	Substitute: pgrm-mm+dd+yyyy
A two digit month and day Program Name: prgm-0210	Substitute: pgrm-mmdd
A two digit month and day and a separator between the segments Program Name: prgm-02-10, prgm-02 10 or prgm-02 10	Substitute: pgrm-mm+dd
A three letter month, a two digit day and a separator between the segments Program Name: prgm-Feb-10, prgm-Feb 10 or prgm-Feb 10	Substitute: pgrm-Mmm+dd
A three letter month, two digit day, a four digit year and a separator between the segments Program Name: prgm-Feb-10-2016, prgm-Feb 10 2016 or prgm-Feb 10 2016	Substitute: pgrm-Mmm+dd+yyyy
The full month name, two digit day, a four digit year and a separator between the segments Program Name: prgm-February-10-2016, prgm-February_10_2016 or prgm-February 10 2016	Substitute: pgrm-Mmmm+dd+yyyy
The full month name, two digit day, a “,” after the day, a four digit year and a separator between the segments Program Name: prgm-February-10,-2016, prgm-February_10,_2016 or prgm-February 10, 2016 (more common)	Substitute: pgrm-Mmmm+dd,+yyyy
A three letter month, two digit day and two digit year Program Name: prgm-Feb102016	Substitute: pgrm-Mmmddyy
A four digit year, three letter month and two digit day Program Name: prgm-2016Feb10	Substitute: pgrm-yyyMmmdd
A variable length month and day and checks for a separator between the month and day. Program Name: prgm-2-10-16 for February 10, 2016 or prgm-11-1-16 for November 1, 2016	Substitute: pgrm-M+D+yy
An unpredictable variable in a program name. If the program name has the program number, but they are not in order, then the program number would be ignored. Program Name: prgm-IFL137 02-10-16	Substitute “*” for the 137 prgm-IFL*_mm+dd+yy

WARNING
Only one “*” or substitution can used in any one pattern.

Examples using the “*” variable

Program Name	Substitute Pattern
RTWL138-02-10-16.mp3	RTWL*_-mm+dd+yy.mp3
PI140124-GimmeShelter.mp2	PIyyddmm-*.mp2
WW_Daily_01_31.mp2	WW_Daily_mm+dd.mp2
Illegal use of “*” or substitution	
Program Name	Substitute Pattern
PRGM-ABC_02-10-16-New.MP2	PRGM-*_mm+dd+yy-*.MP2

Lcl name (required)

Input the name with the variables to customize the program name when it is transferred. The same options used in the [File Renames](#) can be used for FTP transfers except for combining [multiple part programs](#).

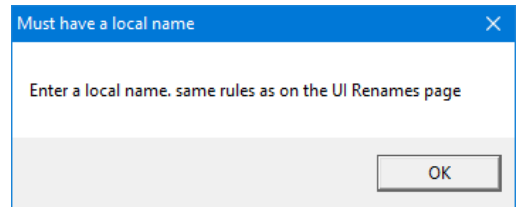
NOTE

Multiple part programs on FTP sites cannot be combined into one program with FTP transfer.

The Lcl name field cannot be left blank. Without a local name, the AMB-OS User Interface opens an error window.

WARNING

The local pattern must have an entry to give the program a name when transferred.



Cart title (optional)

While the Amb-OS User Interface maintains the [Cart Chunk information](#) or adds it as specified in the [System Info](#), a title can be added to the title field in the Cart Chunk data. Any name can be used, keep in mind the need of the automation system.

If left blank, no title is put in the title field of the [Cart Chunk](#) data.

Ministry (optional)

Enter the name of the ministry. This field helps in organizing and identifying programs. Putting in a ministry name can aid in troubleshooting a missed transfer.

Schedule

Schedule at Distrib for: Su Mo Tu We Th Fr Sa

The schedule sets the days in advance, time of day and the days the FTP transfers each program. Enable or disable any day by clicking on the day. Clicking on a day to enable it makes the background green. Clicking on a day to disable it, clears the background. Each program has to have the transfer days set individually.

Schedule Drop-down menu:

Same day: Log in on the day of the air date. This assumes the program airs week days and highlights Mo-Fr. Each day can be enabled or disabled. For example, for a program that airs on Monday, Wednesday and Friday disable Tu and Th by clicking on them.

Daily+2: Log in every day and search for programs two days before air date (ignores weekends – searches for Monday’s program on Thursday and Tuesday’s program on Friday). This assumes the program airs week days and highlights Mo-Fr. Each day can be enabled or disabled.

Daily+1: Log in every day and search for programs one day before air date (ignores weekends – searches for Monday’s program on Friday). This assumes the program airs week days and highlights Mo-Fr. Each day can be enabled or disabled.

Daily: Log in every day (ignores weekends). This clears all the days of the week and the desired days to transfer have to be selected individually.

Individual Days (Sundays thru Saturdays): Log in once a week on the day selected to transfer the program. Select the day during the week to transfer the program To get a weekend program scheduled to air on Saturday and is uploaded on Thursday, simply highlight Thursday. Set the time after the ministry uploads the program. When the program gets uploaded in the morning, use a time in the afternoon to transfer it.

Schedule
same day
daily+2
daily+1
daily
Sundays
Mondays
Tuesdays
Wednesdays
Thursdays
Fridays
Saturdays

Time: Specifies the time (in 24 hour format) when the Amb-OS User Interface will transfer a program. When using the same time to transfer all programs from the same site, the Amb-OS User Interface logs into the site once to transfer all the programs from that site. This eliminates unnecessary traffic on the host site.

at

NOTE

To reduce traffic on a hosts FTP site, use the same time to transfer all programs from that site.

The Amb-OS User Interface follows the [After 12 PM \(noon\) Rule](#). Scheduled times before 12 PM (noon) transfers the same day’s program and times after 12 PM (noon) transfers the next day’s program.

WARNING

If the time to transfer is scheduled before a program is available, the program will be missed and have to be [transferred manually](#).

Distribution: Select the days the program should be available on the FTP site to transfer. If a weekend program comes on a Wednesday, make sure only “W” is green. If more days are selected for a one day a week program, the FTP will log in more than necessary. After transferring a program the first time, the Amb-OS User Interface will not transfer it again regardless of the number of days selected.

Distrib for: Su Mo Tu We Th Fr Sa

If a program does not get posted until after the selected day, the program will have to be [transferred manually](#). For example, selecting Tuesday to transfer a program posted on Wednesday.

Clicking on one of the days will clear the individual box. Double clicking on any of the weekdays will clear the boxes if they were highlighted and select them if they were clear.

Distrib for: Su Mo Tu We Th Fr Sa

Save: After setting all file settings and transfer times, click on “Save.”

WARNING

If the [Manage sites](#) window is closed or another program is selected before clicking on Save, all edits and changes will be lost.

Programs (Status) Pane

This shows the name of the FTP site and the programs associated with that site. The title of the pane shows the name of the FTP site as listed in the [Site Maintenance pane](#). Clicking on a site in the [Site Maintenance pane](#) shows the programs associated with that site. Program information from the site can also be edited without logging into the associated FTP site.

Program line →

Lcl name (file only)	Schedule	Pattern	Remote path
Grace-Wkd mm-dd-yy	Wed 13:00	GTyX GTY1 mm+dd+yy.MP2	/users/stations/Programs/Grace to You/Weekend
2nd-Sports mm-dd-yy	daily 13:00	ASLS_A6L5_mm+dd+yy.MP2	/users/stations/Programs/A Second Look At Sports/

Lcl name (file only):

Displays the name of the program with its name when it is transferred.

Schedule: Displays the frequency of transfer and the time (24 hour) of the transfer.

Pattern: Displays the pattern used to check for programs on the FTP site.

Remote Path: Displays the [directory tree](#) for the program to be transferred.

Grace-Wkd mm-dd-yy

Edit Pgm

Allows the program information to be edited in the [Edit programs pane](#). Double clicking on a program in the window will also puts the program in the [Edit programs pane](#).

The editing mode can be done while logged into a site, but a site cannot be opened when editing program parameters.

WARNING

Editing the Remote path will cause a program to not transfer if the modified path does not exactly match the path on the FTP site.

Delete pgm

Deletes the highlighted program. Deleted programs cannot be recovered and will have to be recreated.

Grace-Wkd mm-dd-yy

Global Buttons

Export to File

Exports the FTP settings. Clicking on Export to file opens a save dialog box to select the file name and the directory. Input the desired file name and click on “Save.”

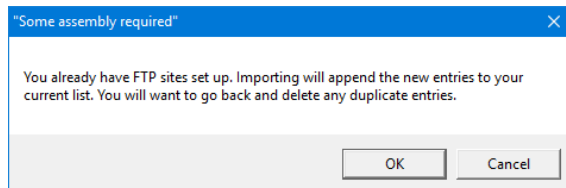
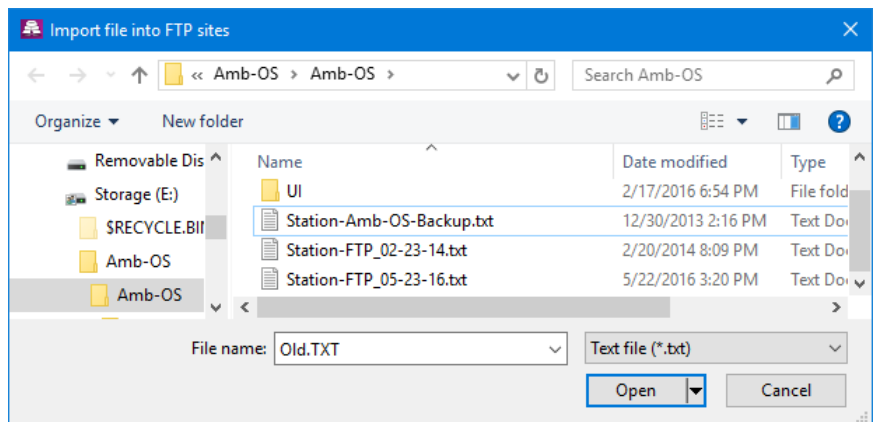
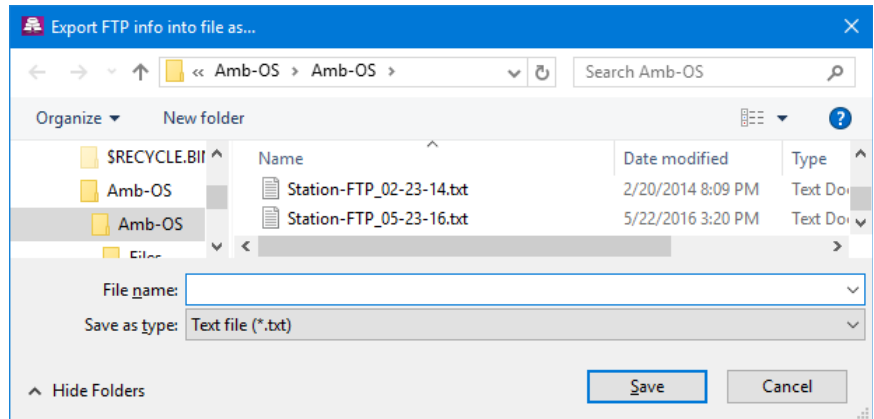
This stores the program list to restore previous settings or to bring in settings when installing a new Amb-OS User Interface.

Import from File

Imports the saved settings. Click on Import from file to import a saved settings file. Select the directory and the file that was saved and click on “Open.”

If sites have already been setup, a warning box opens with the reminder that the current settings will be overwritten.

Export to file Import from file Save data Close



Save Data

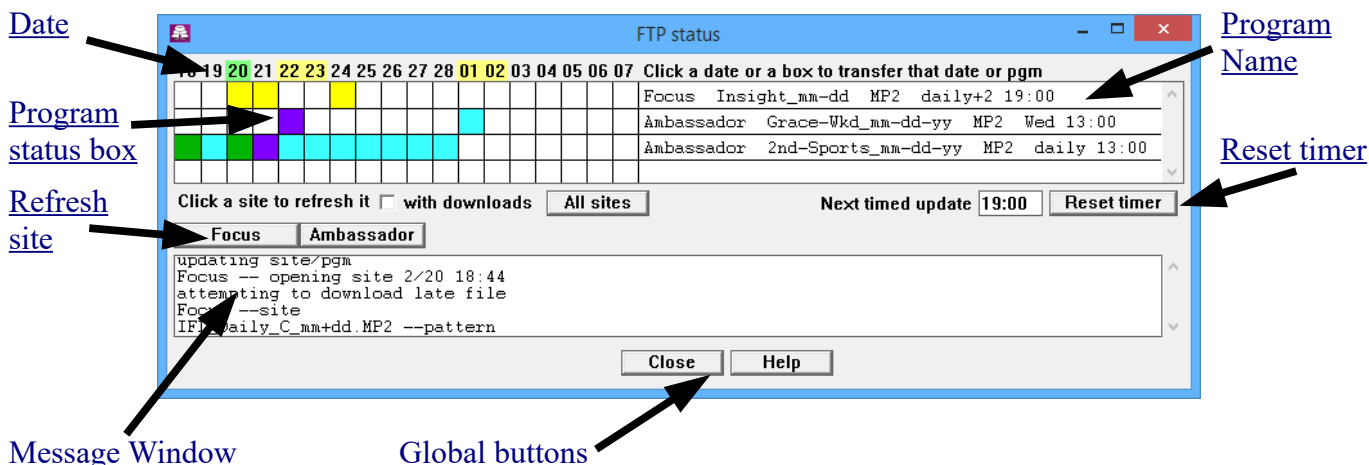
Changes made to a program enables the “Save data” button and allows adding or editing another program. Clicking on the button saves the changes. However, closing Manage sites, clicking on Close or the Windows® red “X” (upper right) also saves the data.

Export to file Import from file Save data Close

Close

Closes the [Manage Sites window](#).

FTP Status



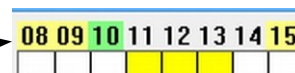
Date

Shows an eighteen day schedule starting two days before the current date to verify programs have been transferred. Up to twenty programs can be listed.

Green Date: The current date

Clear Dates: Weekdays

Yellow Dates: Weekend dates

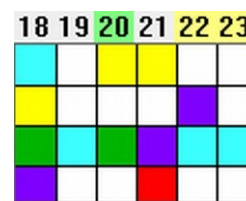


Clicking on a date will transfer the available programs for that date, but programs that have already been transfer will be ignored.







Program status box

Shows the status of the program with different colors.

Color	Status Indication
White	No program available for that date
Light Blue	Program is available on the FTP site
Green	Program has been successfully transferred
Purple	Program has been queued for transfer
Red	Transfer of the program encountered an error
Yellow	Program has missed the scheduled transfer time



To transfer or re-transfer a program, click on a box that has a program for the day. Here are the actions the Amb-OS User Interface takes when clicking on the boxes (based on the color of the box).

	Program available, but has not yet transferred – will transfer
	Program missed – will transfer
	Program available and has already transferred – will transfer again
	Program queued for transfer – no affect
	No program available – will not attempt a transfer
	Program transfer error – another attempt will be made to transfer

Manual FTP Transfers

In the [Manage Sites](#) window:

1. Log in to a site, [navigate to the directory](#)
2. Click on the program
3. Click on “[Save as](#)” to download it.



This method saves the program as the name entered in the “Save as” window and does not change the program’s name in the [files rename](#) or convert it to a [different format](#).

In the [Status Window](#):

Option 1: Click on the [date](#) that has the missed program.

Option 2: Click on the [box](#) of the missed program.

Option 3: [Refresh](#) a site with the [with downloads](#) box checked. This transfers all programs that meet or have missed their transfer times.

29	30	31	01	02	03

Do not use option 3 to transfer only one program.

Click a site to refresh it with downloads [All sites](#)

Program Name

Displays the site, local name, type of file on the site, and the transfer schedule.

Click a date or a box to transfer that date or pggm				
Focus	Insight_mm-dd	MP2	daily+2	04:00

[Site name](#)
[Local Name](#)
Type
[Schedule](#)

Site Name: The name of the FTP site as specified in the [Site Maintenance Pane](#).

Local Name: The local name of the file ([special extension](#) is assigned by the [System Information](#) setting unless it is an MP3 program, then the extension is MP3).

Type: The type of file on the FTP site and not the type of file saved in the transfer.

Schedule: The frequency of the transfer (daily, once a week), days in advance to get the program (+#) and the [scheduled time](#) of the transfer.

Refresh site

Used to update site content, to verify if programs exist and if they need transferring. Individual sites can be refreshed by clicking on the name of the site. Click on “All sites” to check every site.

Click a site to refresh it with downloads [All sites](#)

Focus [Ambassador](#)

Check the box next to “With Downloads” and refresh one site or all sites. Programs meeting or have missed their scheduled transfer time will be queued for transfer when the site is refreshed.

Click a site to refresh it with downloads [All sites](#)

Reset Timer

Recalculates the next transfer event.

Next timed update [19:00](#) [Reset timer](#)

The timer checks for the next program based on the air date(s) selected in [Edit Programs pane](#). A Saturday program schedule for a Wednesday transfer, is checked on Wednesday.

Message Window

Displays the activity of FTP actions – [opening](#) or [closing](#) a site, transferring programs, etc. Closing the [FTP status](#) window erases the log. The Amb-OS User Interface [activity window](#) also records the messages, but they are mixed in with other messages and are not as organized and may be harder to find individual messages.

```
add ASIS_A6L5_02-14-14.MP2 site 3 pgm 5 at 15 (end)
add ASIS_A6L5_02-15-14.MP2 site 3 pgm 5 at 16 (end)
add ASIS_A6L5_02-16-14.MP2 site 3 pgm 5 at 17 (end)
add ASIS_A6L5_02-17-14.MP2 site 3 pgm 5 at 18 (end)
add ASIS_A6L5_02-18-14.MP2 site 3 pgm 5 at 19 (end)
Ambassador -- closing site
```

Global Buttons

Close: Closes the FTP status window (no confirmation).

Help: Opens the help file.



Help

AMR-100 User Interface rev ####a: This displays the current version of the Amb-OS User Interface. The format is a three digit number followed by a letter designation (020r). Some versions have an ending number (020r3).

Amb-OS Help Line: The Amb-OS 24 hour support line is 877-Ambos2u or 877-262-6782

UI Help file (local): This opens the local help file in the default browser.

UI updates on web: This site with all the versions of the Amb-OS User Interface software versions. The latest version is at the top.

Address: <http://www.focussat.net/ambos/ui.html>.

Program permissions on web: This opens the [program permission page](#) (see full description in the [appendix](#)) to request and remove programs. Enter the [serial number](#) of the receiver and the password. The site opens a window showing the address used to send the password and an option to add an alternate user.

Address: <http://www.focussat.net/cgi-bin/ambos/permissions>

Program information on web: This opens the [program information page](#), which lists all the programs available on the Amb-OS system, the [Amb-OS system name](#) and the queue times.

Address: <http://www.focussat.net/ambos/programs.html>.

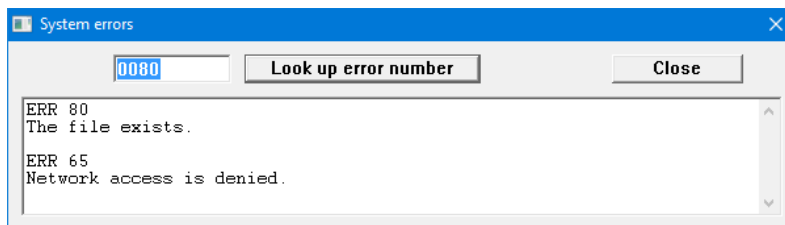
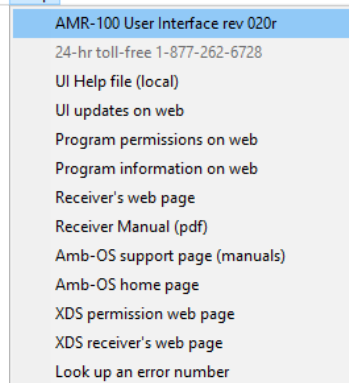
Receiver's web page: This opens the [AMR-100's](#) built-in web page with access to various settings and logs on the receiver. The [AMR-100 Installation manual](#) has a full description on receiver's web page.

XDS Permission web page: This opens the [XDS](#) permission page to request programs from Moody Radio for the XDS receiver.

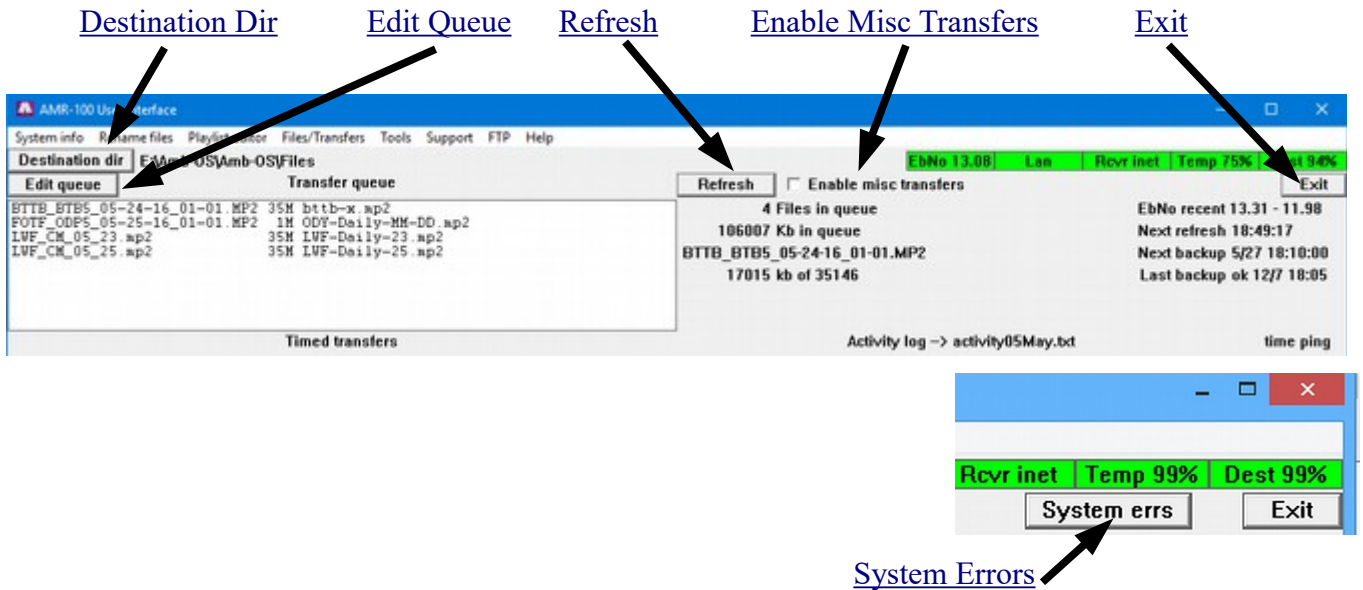
Address: <http://www.moodyradio.org/affiliates/>

XDS receiver's web page: This opens the [XDS](#) receiver's default web page.

Look up an error number: This provides explanations for Error numbers in the Amb-OS User Interface [activity window](#). Simply enter the error number for an explanation.



Buttons



Destination Dir: This allows changing the transfer destination directory.

Edit queue: Allows reordering of the files in the transfer queue. Covered under [Amb-OS user Interface Windows](#) section

Refresh: This button forces the Amb-OS User Interface to read the [AMR-100](#) hard disk and update the [file list](#).

Enable Misc Transfers: When checked, the Amb-OS User Interface automatically transfers programs without a [timed transfer](#) when they arrive. If any program does not have a [timed transfer](#) set, it *will not* transfer without the [Enable Misc Transfers](#) box checked. [File transfers](#) are not used for programs that only play out the audio ports on the [AMR-100](#) using a [playlist](#).

WARNING

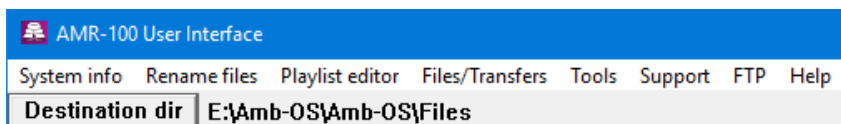
[Enable misc transfers](#) has to be checked to automatically transfer a program with no scheduled [transfer times](#).

Exit: Terminates the Amb-OS User Interface. A three second shut down delay prevents programs currently transferring from becoming corrupted.

System Errors: This button appears if a problem occurs with the Windows® operating system. Clicking on it opens a window to display the error.

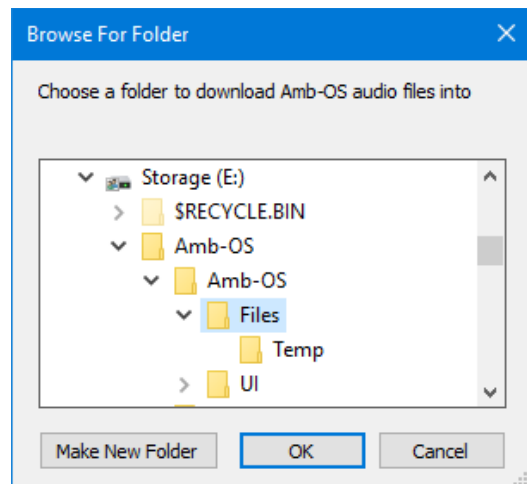
Destination dir

This opens a dialog box to select a the destination folder for transferred programs. Select the desired folder and press “OK” to save the directory. A folder can be on a network computer as long as it is always running. This is particularly useful when transferring programs to an automation system. However, if the network fails, programs cannot be transferred and an error will be generated indicating it cannot find the specified directory.



WARNING
If a destination directory is on a different computer and the network fails or the destination computer fails, programs will not transfer.

If the Browse For Folder dialog opened after [importing](#) a settings file, the [System info](#) box opened to enter the [AMR-100's IP address and serial number](#).



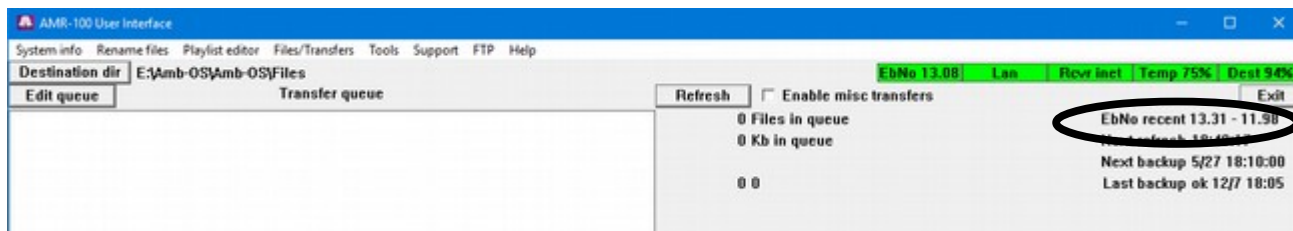
NOTE
When [installing the Amb-OS User Interface](#) the first time, the program will ask for a destination folder for the audio files.

WARNING
The destination directory needs to have several gigabytes free or insufficient space could prevent the Amb-OS User Interface from transferring programs.

Refresh

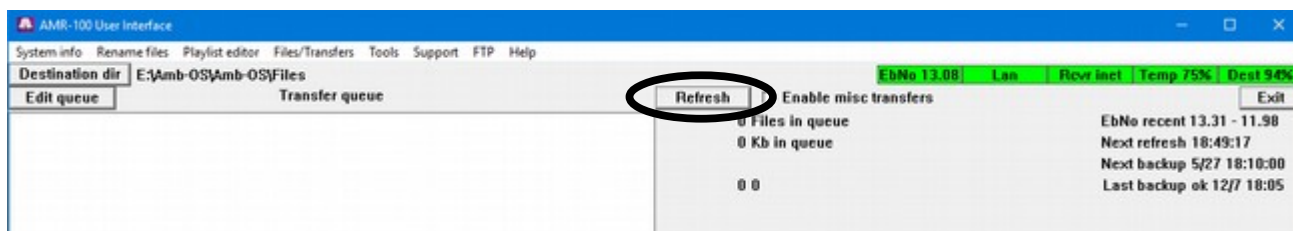
Automatic Refresh

Newly arrived programs update automatically and the system refreshes every 10 minutes. The next refresh time is shown in under the “next refresh” message.



Manual Refresh

Reread Only



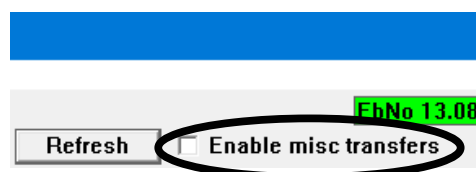
The Refresh button immediately rereads the programs on the [AMR-100](#) and updates any [timed transfer](#) changes, but it does not transfer programs. Use this after making changes to the [timed transfers](#) or to make sure the latest programs have been transferred from the receiver.

Reread and transfer

A [Total Refresh](#) in the [Tools](#) menu rereads the programs on the [AMR-100](#) and also transfers programs.

Enable Miscellaneous Transfers

This option turns on and off the automatic transfer of programs without a [timed transfer](#) in the [File rename](#) box. Checking the “Enable misc transfers” box causes programs to transfer automatically to the [destination directory](#). If this box is not checked, then the programs without a [timed transfer](#) have to be [transferred manually](#). All programs listed in the [Transfer Queue](#) window, do not have a transfer time.



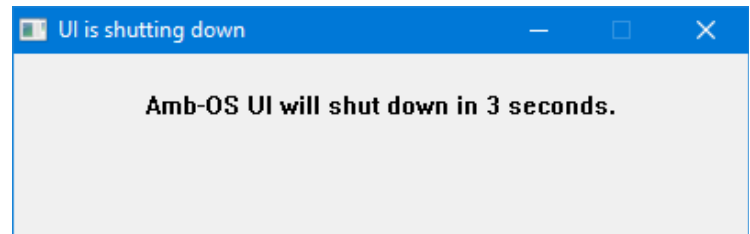
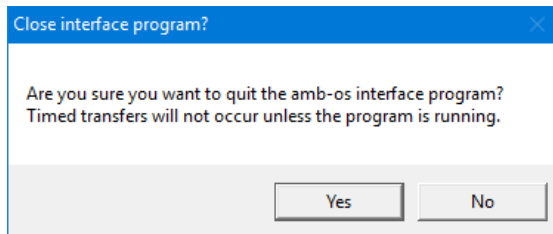
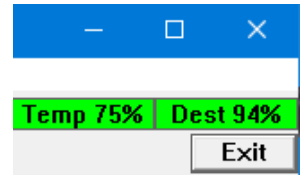
WARNING

Miscellaneous transfers automatically transfers programs when they arrive and, if using the same name for a program every day, this may overwrite programs that have not aired.

Exit

Exit terminates the program. Terminating the Amb-OS User Interface prevents programs from transferring so a window opens to confirm exiting the program. Press “Yes” to confirm exiting or “No” to return to the Amb-OS User Interface.

When choosing “Yes,” the Amb-OS User Interface delays shutting down by three seconds to finish background processes and clear the [transfer queue](#). This prevents programs from terminating the transfer prematurely and corrupting the program file.



WARNING

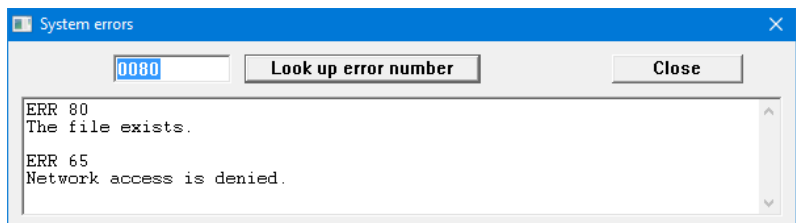
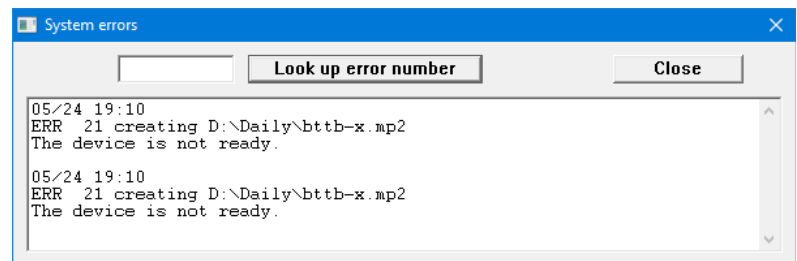
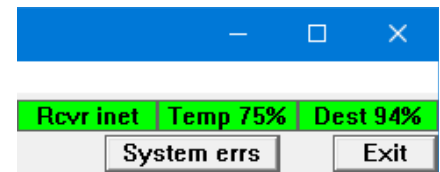
Stopping the Amb-OS User Interface prevents the transfer of all programs.

System Errors

If the Amb-OS User Interface encounters a problem in the Windows® operating system, the System errs button appears. Clicking on it opens a window showing the error. Each error has the date and time of the error, the error number, the name of the program that was being transferred and a description of the file. Additionally, any error number can be put in the [Look up error number](#) box to give a verbose description of an error number.

After displaying the System error window, the System errs button disappears until another system error occurs.

If the problem continues, Windows® may shut down the Amb-OS User Interface.



Amb-OS User Interface Windows

Several windows display information about what the Amb-OS User Interface is doing. The [Transfer Queue](#) shows programs being transferred immediately after arriving. The [Timed transfers](#) shows the programs transferred and the [transfer time](#). Only programs with a [timed transfer](#) are listed in the [Timed transfer](#) window and only programs without a [timed transfer](#) are listed in the [Transfer Queue](#). Between the two windows, all the programs on the [AMR-100](#) are shown that will be transferred. In order to have programs without a [timed transfer](#) get automatically transferred, select the [Enable misc transfers](#) box.

NOTE

Files that have not arrived on the [AMR-100](#) are not listed in either window. Only those programs the [AMR-100](#) has successfully received are shown.

Windows

The screenshot shows the AMR-100 User Interface with several windows and labels pointing to specific areas:

- Edit Queue**: Points to the 'Edit queue' button in the top left.
- Transfer Queue**: Points to the 'Transfer queue' section.
- Timed Transfers**: Points to the 'Timed transfers' section.
- User Interface Messages**: Points to the 'User Interface Messages' section.
- Status Messages**: Points to the bottom status bar.
- Activity Log window**: Points to the 'Activity log' section.
- Activity Log File Name**: Points to the file name 'activity05May.txt' in the activity log.

The interface includes a menu bar (System info, Name files, Playlist editor, Files/Transfers, Tools, Support, FTP, Help), a status bar (EbNo 13.08, Lan, Rcvr inet, Temp 75%, Dest 94%), and several data tables and sections.

Edit Queue

This pauses the transfer of programs for thirty seconds and allows programs to be reordered. To move a program to the top of the list, double click on the desired program. With no transfers in progress, the selected program moves to the top of the list. Programs in the process of transferring or converted remain in process will not be aborted so the selected program goes immediately after the transferring program and before the next program transferred.

The queue automatically restarts in thirty seconds to prevent the queue from being permanently disabled and not transferring any programs. The countdown timer to restart the queue appears on the screen.

Edit queue	Start queue	Transfer queue	Queue restart in 12 sec
ALLM-2014-02-19.MP2		2M ALLM-2014-02-19.wav	
GTYX_GTP5_02-20-14_01-01.MP2		1M GTYX_GTP5_02-20-14_01-	
AWWY-2014-02-17.MP2		7M AWWY-2014-02-17.wav	
AWWY-2014-02-18.MP2		7M AWWY-2014-02-18.wav	
GTYX_GTP5_02-21-14_01-01.MP2		1M GTYX_GTP5_02-21-14_01-	

The restart timer always resumes after thirty seconds cannot be reset by clicking on Edit Queue. The queue has to be [restarted](#) and then click on Edit Queue a second time to pause the queue for another thirty seconds. Clicking on [Start queue](#) restarts the current transfer resumes or the next program begins transferring.

Start Queue

This button appears each time after clicking on the [Edit queue](#) button and allows the queue to be restarted before the thirty second pause finishes. If the Start queue button is not pressed, the queue automatically restarts in thirty seconds to prevent the queue from being permanently disabled.

Edit queue	Start queue	Transfer queue	Queue restart in 12 sec
ALLM-2014-02-19.MP2		2M ALLM-2014-02-19.wav	
GTYX_GTP5_02-20-14_01-01.MP2		1M GTYX_GTP5_02-20-14_01-	
AWWY-2014-02-17.MP2		7M AWWY-2014-02-17.wav	
AWWY-2014-02-18.MP2		7M AWWY-2014-02-18.wav	
GTYX_GTP5_02-21-14_01-01.MP2		1M GTYX_GTP5_02-21-14_01-	

Transfer Queue

This shows programs that will be transferred as soon as they arrive if the [Enable misc transfers](#) box is checked. The Amb-OS User Interface transfers the program from the [AMR-100](#) to the directory selected in the [destination directory](#) option. The window displays the [program renames](#), selected in the [File Rename](#) window.

Edit queue	Transfer queue
FOTF_ERM5_02-19-16_02-05.MP2	2M FOTF_ERM5_02-19-16_02-05-
FOTF_ERM5_02-19-16_03-05.MP2	2M FOTF_ERM5_02-19-16_03-05-
FOTF_ERM5_02-19-16_04-05.MP2	2M FOTF_ERM5_02-19-16_04-05-
FOTF_ERM5_02-19-16_05-05.MP2	2M FOTF_ERM5_02-19-16_05-05-
FOTF_ERM5_02-20-16_01-05.MP2	2M FOTF_ERM5_02-20-16_01-05-
FOTF_ERM5_02-20-16_02-05.MP2	2M FOTF_ERM5_02-20-16_02-05-
FOTF_ERM5_02-20-16_03-05.MP2	2M FOTF_ERM5_02-20-16_03-05-

Clearing the [Enable misc transfers](#) box disables the automatic transfer and removes programs from the Transfer Queue window. This also means programs without a [timed transfer](#) have to be [manually transferred](#) with the [Files/transfers](#) window.

Timed Transfers

This shows the programs with their specific [transfer times](#) entered in the [Rename files](#) window. Programs are listed in chronological order starting with the earliest transfer.

Timed transfers						
16/02/18	03:00	BTB_TBM5_02-18-16_01-01	MP2	BTB-Min-18	.	^
16/02/18	15:00	BTTB_BTBS_02-18-16_01-01	MP2	BTTB1225	.wa	
16/02/19	03:00	BTB_TBM5_02-19-16_01-01	MP2	BTB-Min-19	.	
16/02/19	15:00	BTTB_BTBS_02-19-16_01-01	MP2	BTTB1225	.wa	
16/02/20	03:00	BTB_TBM5_02-20-16_01-01	MP2	BTB-Min-20	.	
16/02/20	15:00	BTTB_BTBS_02-20-16_01-01	MP2	BTTB1225	.wa	
16/02/22	14:00	FOTF_FOF1_02-22-16_01-04	MP2	Focus-Wkd01	.	^

Timed Transfer columns:

Transfer Date: The scheduled [date](#) of the program transfer in YY/MM/DD format as listed in the [Rename Files](#) section.

Transfer Time: The scheduled [time](#) of the program transfer in 24 hour format as listed in the [Rename Files](#) section.

Amb-OS System name: The [Amb-OS system name](#) of the program as received by the [AMR-100](#).

Transfer name: The [name of the program](#) as listed in the [Rename Files](#) section.

The [Transfer queue](#) window shows unscheduled transfers if the [Enable misc transfers](#) box is checked.

Missed transfer times

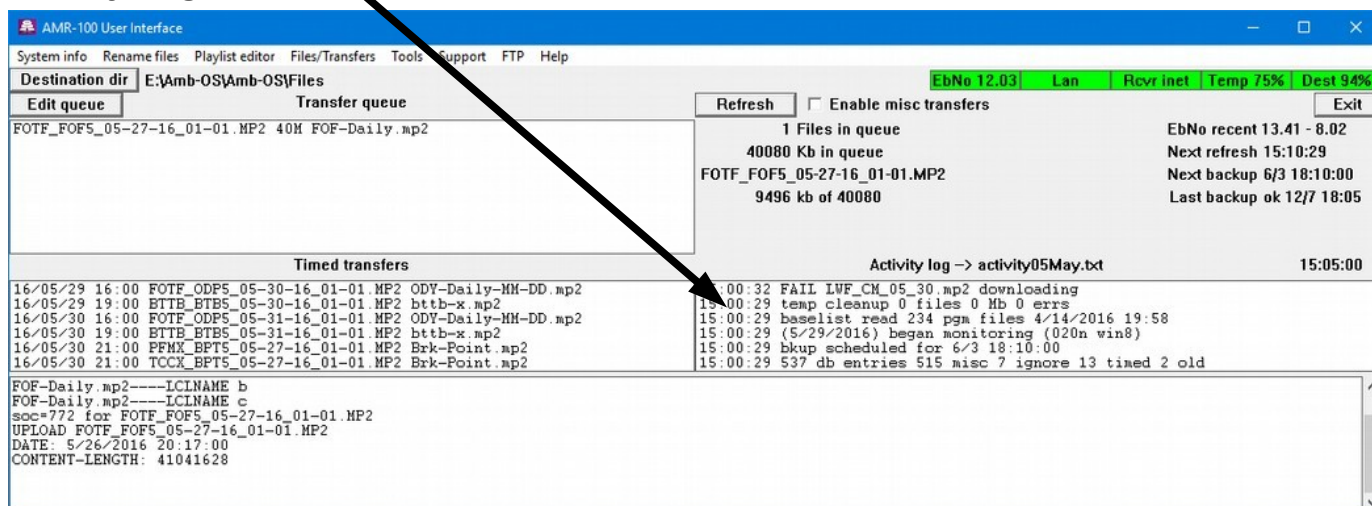
If the Amb-OS User Interface was not running at the time of a scheduled transfer or a program arrived after the scheduled transfer time, the program will be transferred when the Amb-OS User Interface is restarted or when the file is available. If a program arrives or the Amb-OS User interface is started more than 24 hours after a scheduled transfer time, the program will have to be [transferred manually](#). This prevents a late program from overwriting a current program.

WARNING

Programs more than 24 hours later than their scheduled transfer time have to be [transferred manually](#).

The [Refresh](#) button updates the window and shows all the programs that have arrived and any pending transfers. The updated list inserts programs in their appropriate time slots. The Amb-OS User Interface will not transfer any program more than 24 hours after its scheduled transfer time so a late program does not overwrite the current day's program. However, should program need to be transferred, go the [Files/transfer](#) menu and [manually transfer](#) it.

Activity Log Window



The Activity window shows the Amb-OS User Interface program activity. A complete [list of messages](#) is listed in the [Appendix](#).

Activity Log File

The Amb-OS User Interface automatically creates the Activity Log File once a month. The Amb-OS User Interface just uses the month for the log's file name. That means log files are only kept for one year. The log file for January 2016 (activity01Jan.txt) will be overwritten with the log file for January 2017 (activity01Jan.txt).

File names for the logs:

The activity log files are “activity##MMM.txt”

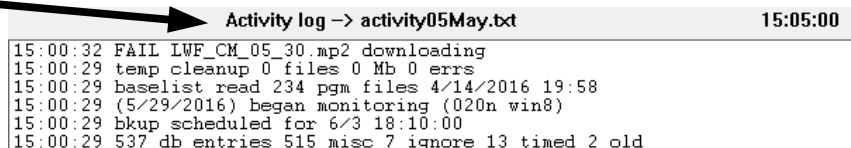
The FTP log files are “ftplg##MMM.txt”

(## = month number – 01, 02)

(MMM = month name – Jan, Feb)

The Activity Log file can be used to check the actual [transfer time](#) of programs to verify if programs were transferred at the appropriate time and to see the actual [transmission time](#). Remember, programs will not be transferred until they have been successfully received.

The Activity Log File can be viewed by using the [Explore log files](#) under the [Tools](#) menu.



Status Messages

The screenshot displays the AMR-100 User Interface. At the top, there is a menu bar with options: System info, Rename files, Playlist editor, Files/Transfers, Tools, Support, FTP, and Help. Below the menu bar, the destination directory is set to E:\Amb-OS\Amb-OS\Files. The interface is divided into several sections:

- Transfer queue:** Shows a single file in the queue: FOTF_FOF5_05-27-16_01-01.MP2 (40M) FOF-Daily.mp2. It includes a Refresh button, an unchecked checkbox for Enable misc transfers, and an Exit button.
- Timed transfers:** A table listing scheduled transfers with columns for date, time, source file, destination file, and status.
- Activity log:** A log of system events with columns for time, event description, and time taken.

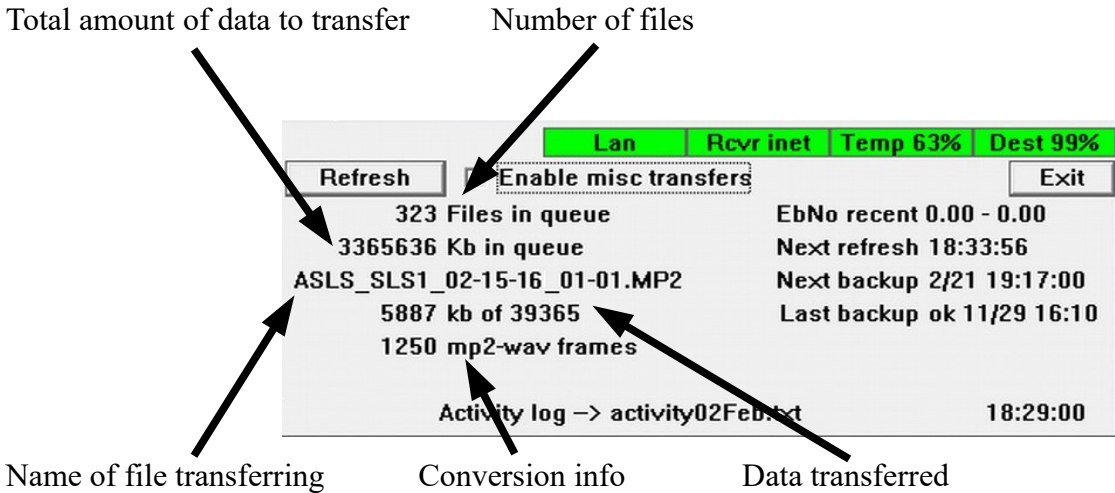
A large black oval highlights the bottom section of the interface, which contains detailed status messages for the file transfer. An arrow points from the text below to this highlighted area.

```
FOF-Daily.mp2-----ICLNAME b
FOF-Daily.mp2-----ICLNAME c
772 for FOTF_FOF5_05-27-16_01-01.MP2
UPLOAD FOTF_FOF5_05-27-16_01-01.MP2
DATE: 5/26/2016 20:17:00
CONTENT-LENGTH: 41041628
```

The status message window reports the activity between the [AMR-100](#) and the Amb-OS User Interface. This only serves as a troubleshooting aid for Amb-OS support personnel.

User Interface Messages

Program Transfer Messages



Total amount of data to transfer: Shows how much data needs to be transferred for all of the programs to be transferred.

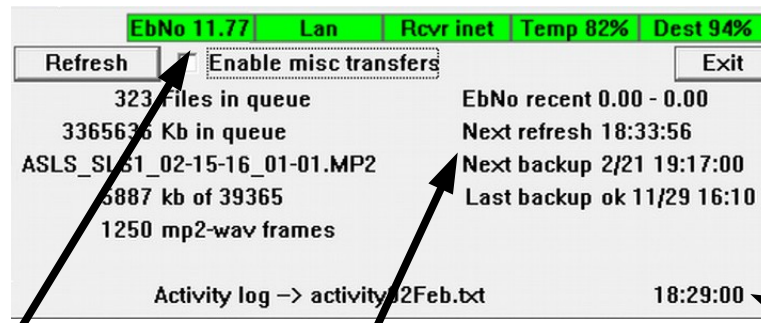
Number of Files: Shows the number of programs to be transferred from the [AMR-100](#).

Name of file being transferred: Shows the [Amb-OS file name](#) of the program being transferred.

Data Transferred: Displays the how much of the program has been transferred and the size of the program.

Conversion Info (mp2-wav Frames): Tracks the progress of a conversion if any of the WAV [formats](#) has been selected.

Amb-OS User Interface Notices



[Receiver Status Indicators](#)

Amb-OS User Interface Notices

[Time Ping](#)

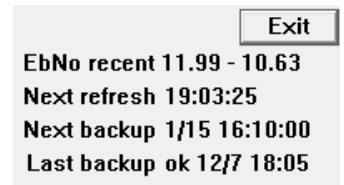
Receiver Status Indicators: Shows the status of the [AMR-100](#) (Eb/No, Network and Internet) and available disk space on the Amb-OS User Interface drives. Hovering over the indicators open [pop-up windows](#) with more details of the parameter.

The [AMR-100I](#) does not use RF so it has no Eb/No indicator.



Amb-OS User Interface Notices: Displays the Eb/No range over the last 24 hours, the time of the next refresh of received programs, time and date for the next backup and the last backup with it's status.

- **Eb/No recent** reports the Eb/No values from the [AMR-100](#). The [AMR-100I](#) (Internet only receiver) shows the Eb/No as 0.00 – 0.00, because no RF is used.
- **Next Refresh** shows the next time the automated refresh will happen to insure that the latest information about program transfers are current and gets the latest program information from the receiver. Next refresh shows the time of the next refresh to check the status of programs on the [AMR-100](#).
- **Next Backup** shows the time the next back up of the Amb-OS User Interface settings.
- **Last Backup** reports the time and status of the last backup.

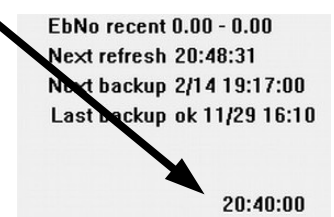
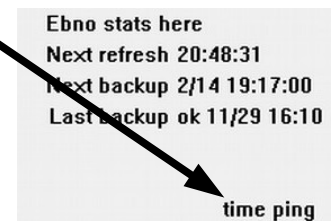


The Amb-OS User Interface can [export the settings](#) to a desired file and the settings are automatically uploaded to the Amb-OS FTP site and to the [AMR-100](#) receiver. If the Amb-OS User Interface does not have an Internet connection, be sure to check [Do not backup to FTP](#) in the [System information](#) settings.

Time Ping: The message “time ping” only occurs when the Amb-OS User Interface first runs. It queries the receiver for its time once a minute, so it can take up to a minute for the time to appear.

After the program successfully communicates with the receiver and gets the time, the message “time ping” changes to the current time of the receiver.

While The seconds are displayed as part reading the time from the receiver, the seconds do not update, because the time is only updated every 60 seconds. Therefore, the seconds do not update on the screen. This only verifies the [AMR-100's](#) time has been read.



Status Indicators

Receiver Status

The status boxes report the status of the [AMR-100](#). This section merely summarizes the status messages. The [AMR-100 Manual](#) gives a full explanation of the parameters listed. The manual can be downloaded at <http://www.amb-OS/support.html> or viewed on the [AMR-100](#) receiver's web page by entering the receiver's IP address in a web browser.

- Eb/No:** The number displays the energy per bit above noise (Eb/No), which represents the quality of the RF signal and correlates to the relative RF signal strength on the [AMR-100](#). Under normal circumstances, that should be around 10 or higher. Eb/No is not displayed on the [AMR-100I](#), because there is no RF signal.

EbNo 12.84	Lan	Rcvr inet	Temp 99%	Dest 99%
------------	-----	-----------	----------	----------

Lan	Rcvr inet	Temp 99%	Dest 99%
-----	-----------	----------	----------
- Lan:** Shows whether the [AMR-100](#) is attached to a local area network.
- Rcvr inet:** Shows whether the [AMR-100](#) can communicate with the Amb-OS servers.
- Temp XX%:** Shows the amount of unused space on the temporary directory.
- Dest XX%:** Shows the amount of unused space on the destination directory.

When a problem exists the boxes become yellow as a warning and red to indicate a failure or critical condition. The [Manage status indicators](#) set the warning levels.

EbNo 9.30	Lan	Rcvr inet	Temp 1%	Dest 09%
-----------	-----	-----------	---------	----------

Pop-up Status Indicators

When moving the mouse pointer over a [status indicator](#), a message window appears below the indicator showing more information for that indicator. The indicator messages can open immediately or after letting the pointer stay on the status messages for a period of time. Set the [delay](#) for the pop up indicator messages with the [Manage Status indicators](#) in the [Tools](#) menu. The message stays open as long as the pointer stays on the message box. When the pointer is moved off the indicator, the message window closes.

```
past 6 hours:
13.31 max ebno
12.01 min ebno
0 bad blocks
0 lost locks
3.00, 5.00 thresholds
```

Eb/No

```
UI is connected to the receiver
```

Lan

```
233 server logins since 02/12/14 04:50
0 connect errors
49 inet downloads
0 satellite downloads
0 backfill requests
0 backfilled pgms
```

Rcvr inet

```
Temp drive:
47104 Mb free
76316 Mb total
C:\Users\STEVE_~1\AppData\Local\Temp\
```

Temporary Drive

```
Dest drive:
464301 Mb free
476936 Mb total
E:\Amb-OS\Amb-OS\Files
```

Destination Drive

Pop-up Status Error Messages: The Amb-OS User Interface checks the status of the [AMR-100](#) at periodic intervals so the Pop-up status indicators can be blank or show an error at startup.

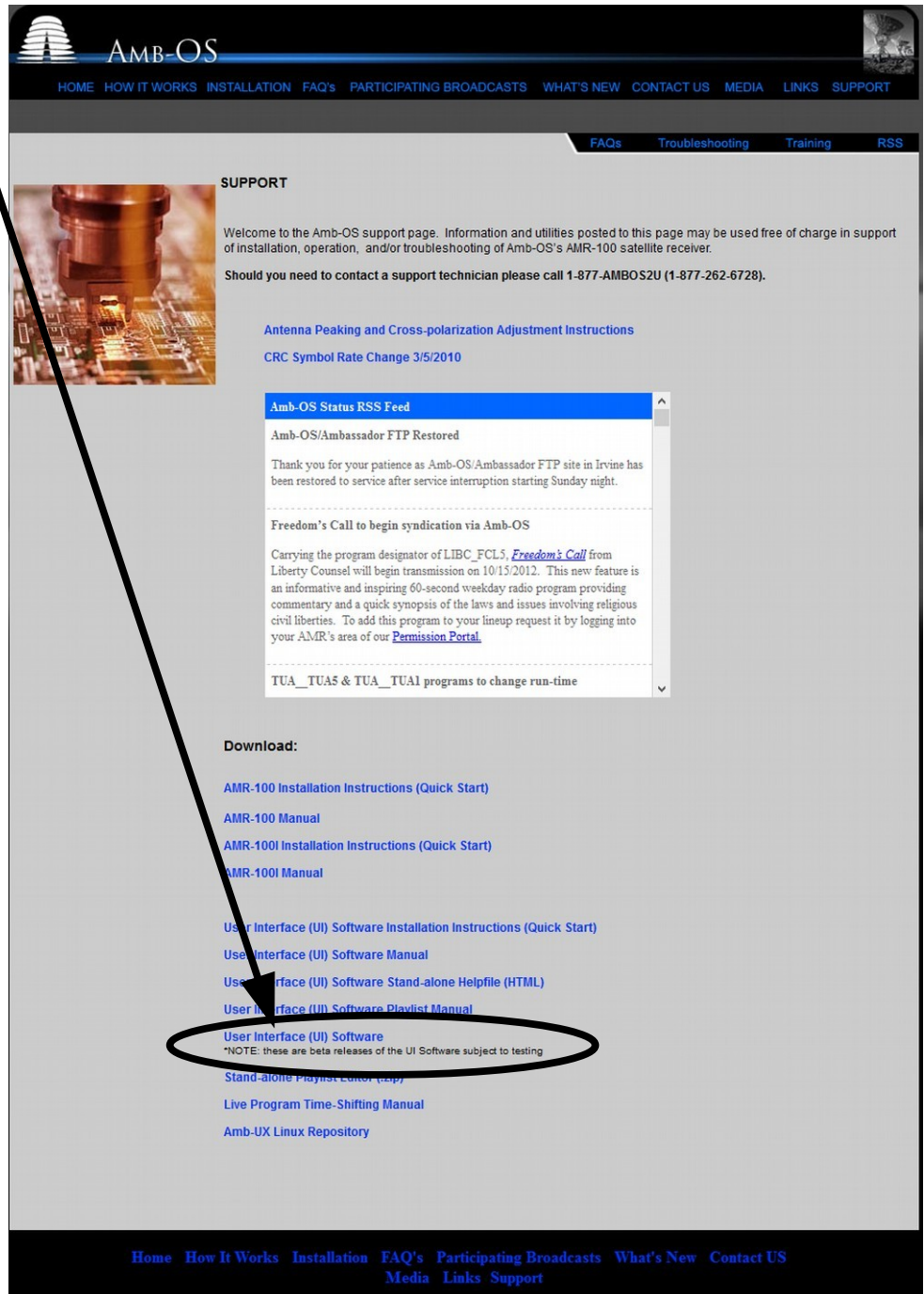
```
Unavailable - no contact with receiver
```

Appendix

Installation Details

Downloading the Amb-OS User Interface

Download the Amb-OS User Interface from <http://www.Amb-OS.com/support.html>. Scroll down and click on the link for “[User Interface \(UI\) Software](#)” to save the file.



The screenshot shows the Amb-OS website's support page. At the top, there is a navigation bar with links: HOME, HOW IT WORKS, INSTALLATION, FAQ's, PARTICIPATING BROADCASTS, WHAT'S NEW, CONTACT US, MEDIA, LINKS, SUPPORT. Below this is a secondary navigation bar with: FAQs, Troubleshooting, Training, RSS. The main content area is titled 'SUPPORT' and includes a welcome message, contact information (1-877-AMBOS2U), and several links for technical instructions. A 'Download:' section lists various manuals and software files. The link 'User Interface (UI) Software' is circled in black, and a large black arrow points from the text above to this link. Below the circled link is a note: '*NOTE: these are beta releases of the UI Software subject to testing'. Other links in the download section include 'User Interface (UI) Software Installation Instructions (Quick Start)', 'User Interface (UI) Software Manual', 'User Interface (UI) Software Stand-alone Helpfile (HTML)', 'User Interface (UI) Software Playlist Manual', 'Stand-alone Playlist Editor (.asp)', 'Live Program Time-Shifting Manual', and 'Amb-UX Linux Repository'. The footer contains a repeat of the top navigation links.

The latest stable version is just above the revision chart. The first entry in the chart has the latest version. If these two versions are not the same, chose the Latest stable version unless directed to by an Amb-OS support personnel.

After clicking on the link for the desired version, a dialog box opens asking to open (with Internet Explorer®) or save the file. Select Save File and, if the browser is set to prompt for a location, the save location dialog box opens. Otherwise, the file will be saved to the default download location.

AMR-100 user interface downloads

(use with proper regard to EULA, etc., blah, blah, you know...)

Each rev includes the changes in all previous revs.

How to use these files

- exit your UI (user interface) program
- download the revision by clicking its link
- run the installer .exe

[Latest stable version 020r](#) | [UI help file \(3/24/2015 for rev 020\)](#) | [Amb-OS for Linux \(amb-ux\)](#)

rev 020s 5/17/2016	fix up /import bug
rev 020r 4/1/2016	clean up check custom clean up debug msgs clean up socket routines

Opening amb-ui-020r.exe

You have chosen to open:

amb-ui-020r.exe

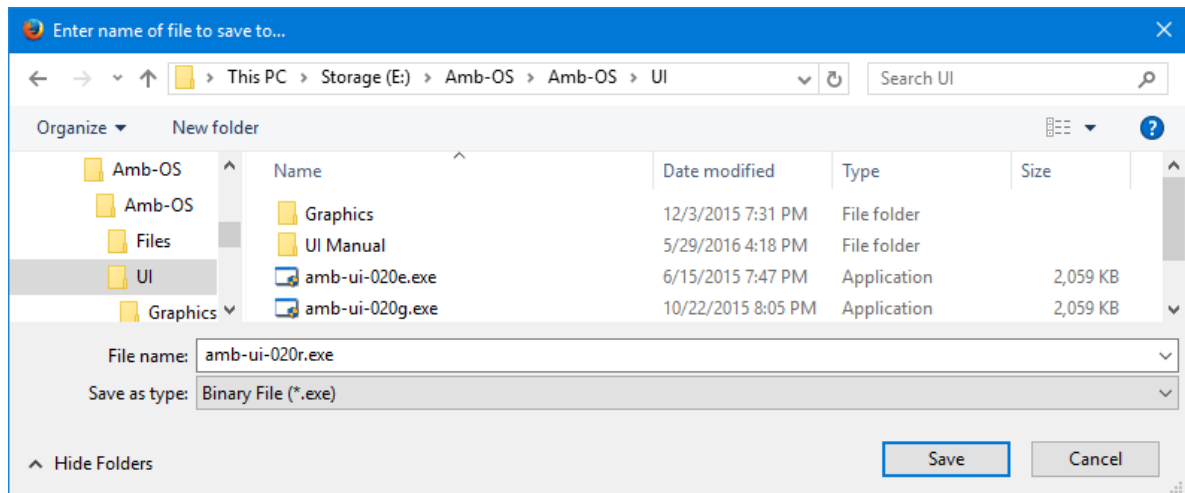
which is: Binary File (2.0 MB)

from: <http://www.focussat.net>

Would you like to save this file?

(Use the “Latest stable version xxxx” unless directed to a different version by Amb-OS support personnel.)

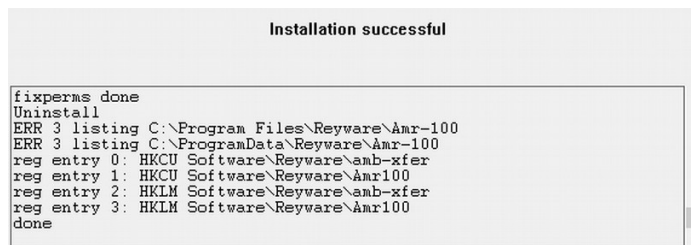
Select the location for the Amb-OS User Interface installation file and save the file. Once the file has been saved, open Windows Explorer® and navigate to the location of the saved file. With most browsers, the downloaded file is listed in the download file list and just click on the file name. Many browsers use <ctl><j> to open the downloaded file list.



Versions 018u2 and after come as an installer program. To install versions before 18u2, see the [Install Early Amb-OS User Interface Versions](#).

WARNING

Wait until “Installation successful” appears at the top of the window before pressing [Exit](#) to finish the installation.



Amb-Install 004

When the install programs runs, it brings up the installation window with several options.

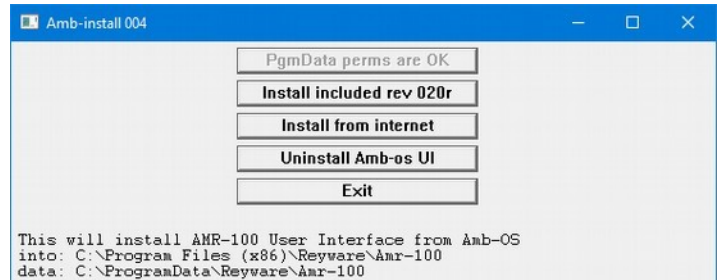
[Fix permissions](#)

[Install included rev ####](#)

[Install from internet](#) (not implemented)

[Uninstall Amb-os UI](#)

[Exit](#)



WARNING

Clicking on [Exit](#) before clicking on Install aborts the Amb-OS User Interface installation. The Amb-OS User Interface will not be installed and that prevents [transferring](#) audio programs from the [AMR-100](#) receiver and creating [playlists](#).

Fix Permissions

Due to potential conflicts with Microsoft Windows® versions 7, 8 and 10, some program permissions in earlier versions of the Amb-OS User Interface need correcting. If access denied errors happen, this option often corrects those errors if they are caused by improper file or folder permissions.

Click on [Exit](#) after the repairs have been done.

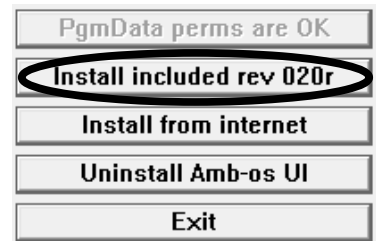
NOTE

The latest version of the Amb-OS User Interface does not need to be installed to use this option.

Install Included Rev

The install button displays the version downloaded (020r or current version). During the installation process, the message “UI is not running” disappears and the window displays the progress of the installation.

[Windows® version 8](#) may open a [warning notice about protecting the PC](#). Click on More information and then click on “Run anyway” in the next window (see [Windows® version 8](#) installation warnings).



When the Amb-OS User Interface has been installed, a message says, “Installation successful.”



As part of the installation, the Amb-OS User Interface puts a shortcut icon the desktop after successfully installing.

Double click on the icon to start the Amb-OS User Interface.

Exit

Click on Exit to complete the installation

Install from Internet

This has not been implemented in install version 004. Use [Update UI](#) in the [Support](#) menu to install a version from the Internet.

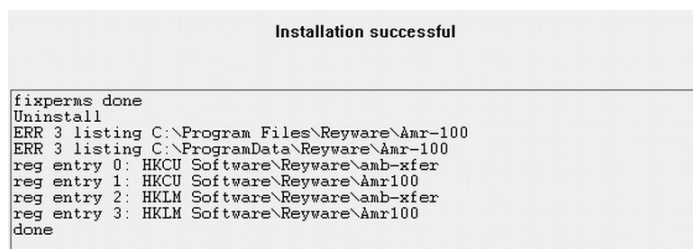
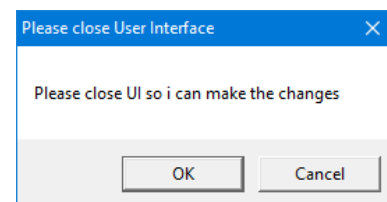
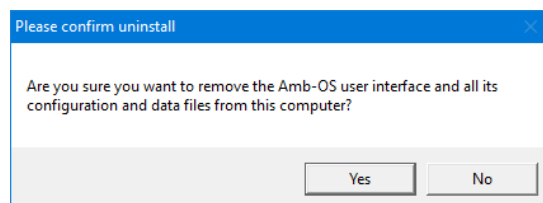
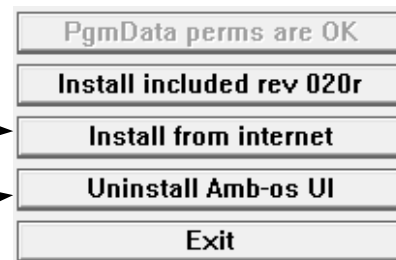
Uninstall Amb-OS UI

Run the [Amb-OS User Interface install program](#) located in the directory selected when the program was downloaded. Click on the “Uninstall the Amb-OS UI” button. The program opens a confirmation window to allow canceling the uninstall process and preserving files. It uninstalls all versions of the Amb-OS User Interface.

If the Amb-OS User Interface is running, an error window opens stating the Amb-OS User Interface program must be stopped before proceeding. Then a dialog box opens to verify uninstalling the Amb-OS User Interface

After the Amb-OS User Interface program has been uninstalled, the installation window indicates the directories have been removed and displays the message: “Installation successful.”

The instructions to manually uninstall versions older than 18u3 of the Amb-OS User Interface is in the [Appendix](#) under [Manually Uninstall Revision 18u1 and earlier](#).



NOTE

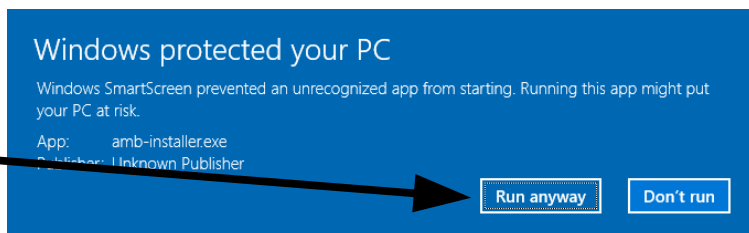
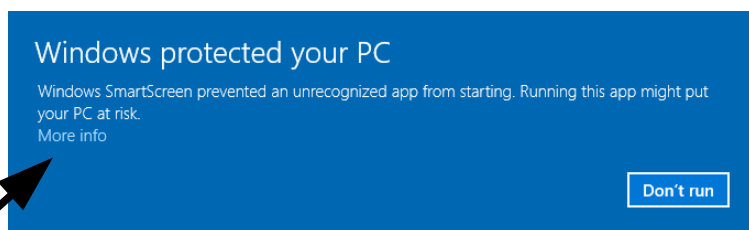
The uninstall option in the latest version of the Amb-OS User Interface install program uninstalls all versions.

Install Warnings

Windows® version 8

A security warning may pop up with the message stating the program may put the computer at risk. Click on “More info” to expand the window.

Click on “Run Anyway” to install the Amb-OS User Interface.

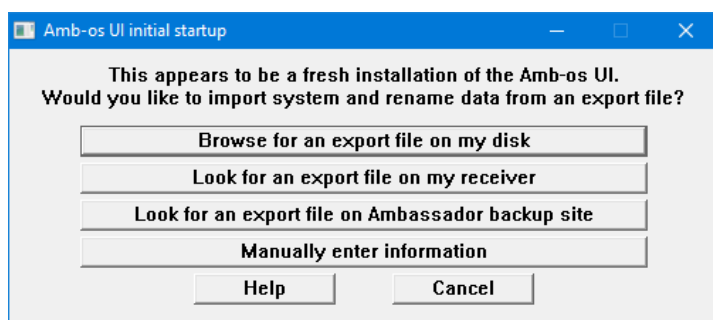


Initial Settings

When installing the Amb-OS User Interface for the first time, the Amb-OS UI initial startup window opens automatically to set the Amb-OS User Interface parameters.

The options to set the Amb-OS User Interface parameters:

- [Browse for an export file on my disk](#)
- [Look for an export file on my receiver](#)
- [Look for an export file on Ambassador backup site](#)
- [Manually enter information](#)



NOTE

For a new installation of the [AMR-100](#) receiver and the Amb-OS User Interface, all settings have to be manually entered.

The general options:

Help: Opens the Amb-OS User Interface installation section in the help manual.

Cancel: Terminates the installation program. The Amb-OS user Interface cannot transfer files until the initial settings have been entered.

Canceling the startup process closes the Initial Startup dialog box.

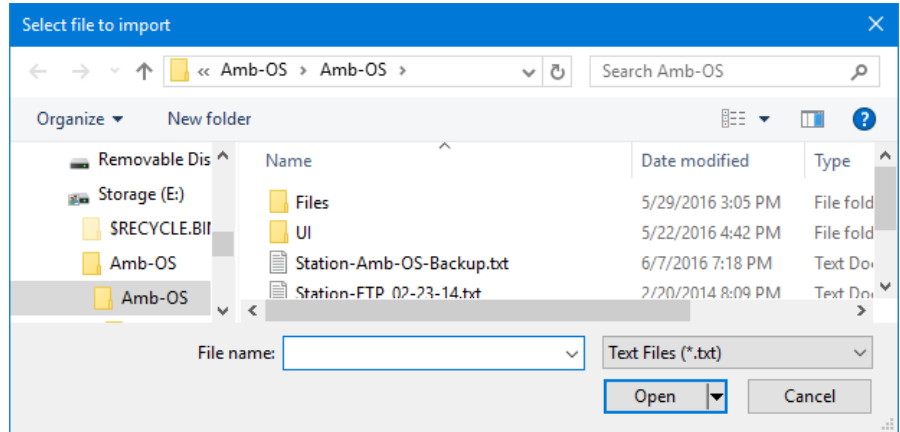
WARNING

Canceling the Initial startup prevents the Amb-OS User Interface from running and programs cannot be [transferred](#) or [played](#).

Browse for an export file on my disk

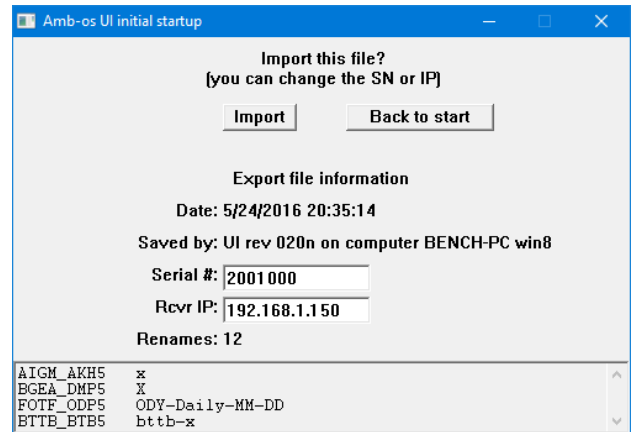
If this is a first time installation for the Amb-OS User Interface and the [AMR-100](#), a back up file will not exist on the [AMR-100](#). If an [export](#) was done with a previous receiver, a file may exist on a computer to import. A backup file is created by using the [Export system info](#) under the [Tools](#) menu.

Clicking on “Browse for an export file on my disk” opens a dialog box to the users “Documents” folder. If the computer has new installation, the export file may be on another computer on the network. If no export file exists on the computer or the network, a backup file may exist on the [receiver](#) or the [Amb-OS FTP site](#). If not, the settings will have to be set [manually](#).



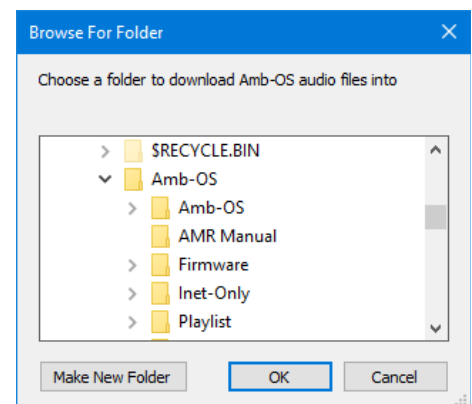
Navigate to the directory with the backup file, select the desired backup file and click on “Open.”

After opening the backup file, the [file rename](#) patterns will be shown. After verifying the data in the file, click on “Import,” otherwise click on “Back to start” to select a different file.



If no [destination directory](#) was specified in the imported settings, a local directory will open to allow the selection of the [destination directory](#). The dialog at startup is the same as the directory selection at installation.

Select the [destination directory](#) then click on “OK” to start the Amb-OS User Interface.



Look for an export file on my receiver

The Amb-OS User Interface automatically creates a backup file on the [AMR-100](#) so, unless this is a first time installation for both the Amb-OS User Interface and the [AMR-100](#), a backup file should exist on the [AMR-100](#).

Click on the “Look for an export file on my receiver” to open a dialog box to enter the [AMR-100](#)’s [serial number](#) and [IP address](#).

WARNING

Entering the wrong IP address can take several minutes for the [error dialog box](#) to appear.

After opening the backup file, the [file rename](#) patterns will be shown. Verify the data in the file and click on “Import.” If the file does not have the correct information, either search for a file on a [computer](#) or get the file from the [Amb-OS FTP](#) site. Click on “Back to start” to select a different source.

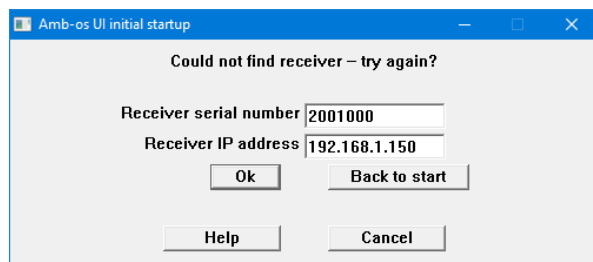
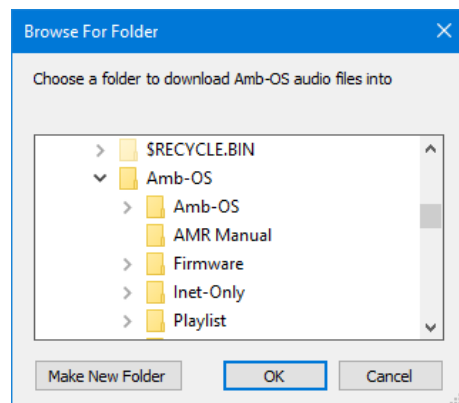
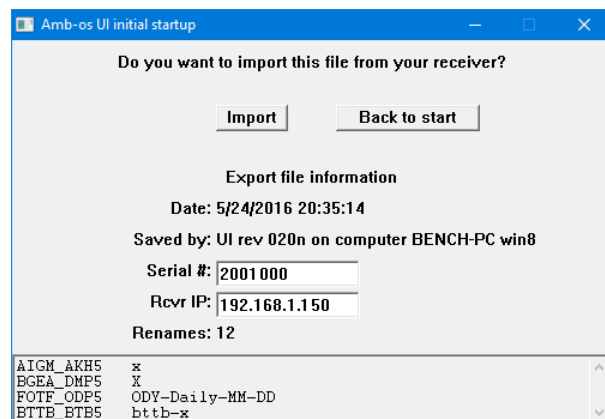
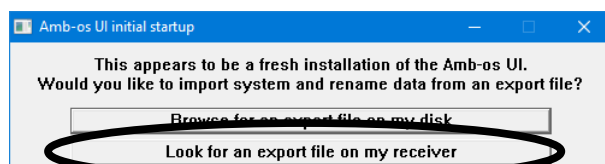
If no download directory or [destination directory](#) was specified in the imported settings, a dialog box will open to allow the selection of the [destination directory](#). The dialog at startup is the same as the directory selection at installation.

Select the [destination directory](#), then click on “OK” to start the Amb-OS User Interface.

File Import from Receiver Error Messages

If the wrong [AMR-100](#) serial number or IP address is used, the Amb-OS User Interface will return an error dialog box that the receiver could not be found.

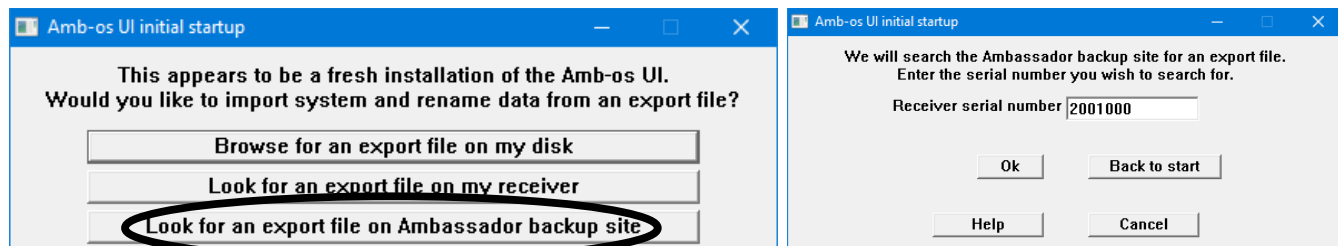
If the receiver is new and the export file does not exist, the Amb-OS User will return to the [Initial Startup](#) window with a message saying it could not import the file.



Import a backup file on Ambassador’s FTP site

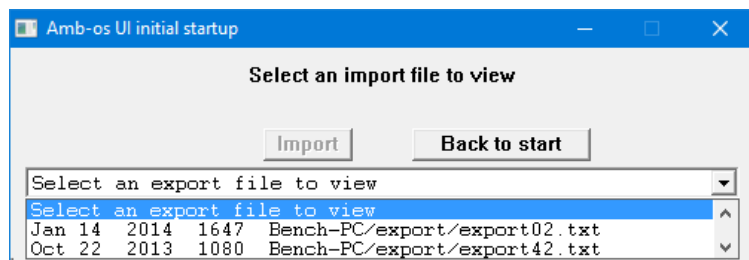
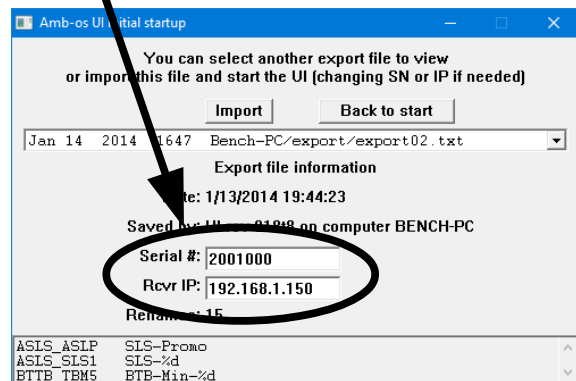
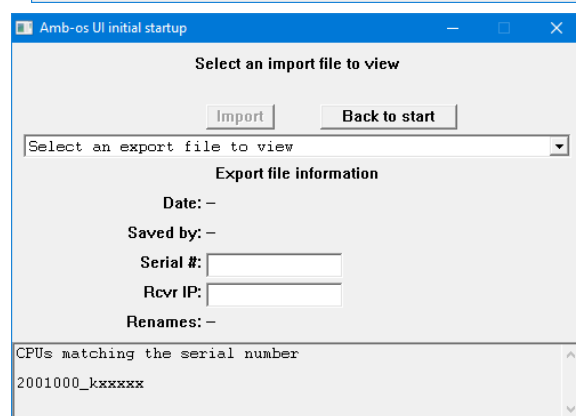
If the [AMR-100](#) has been replaced, use the serial number of the previous [AMR-100](#). If the replacement [AMR-100](#) was at another site, a backup file exists on the Amb-OS FTP site, but the file will not have the settings for the current application.

Click on “Look for an export file on Ambassador backup site,” to open the dialog box to enter the [AMR-100 serial number](#). Enter the serial number of the receiver.



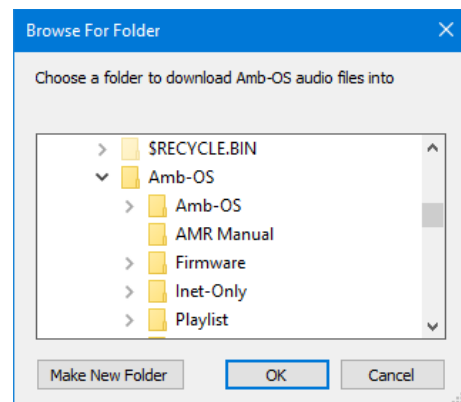
If the Amb-OS User Interface has been installed for an existing receiver, a window will open asking to select a file. The Amb-OS User Interface does periodic backups to the Amb-OS FTP site. Click on the down arrow on the right to list the available files. Highlight the desired file. Normally, that would be the most recent file.

If the [AMR-100](#) has been replaced, after selecting the desired import file, change the [AMR-100 serial number](#) and [IP address](#) to match the specifications of the current receiver. This puts the correct information in the [System information](#).



If no download directory or [destination directory](#) was specified in the imported settings, a dialog box will open to allow the selection of the [destination directory](#). The dialog at startup is the same as the directory selection at installation.

Select the [destination directory](#), then click on Import to start the Amb-OS User Interface.



FTP Import Errors

Entering a bad serial number returns an error in the Amb-OS User Interface in an error box reporting the serial number was bad. If the receiver was never installed before, no backup file will exist.

If no download directory or [destination directory](#) was specified in the imported settings, a local directory will open to allow the selection of the [destination directory](#). The dialog at startup is the same as the directory selection at [installation](#).

Select the [destination directory](#), then click on Import to start the Amb-OS User Interface.

Manually enter information

If no backup file (local or remote) exists or to enter all new settings, select the Manually enter information button. A dialog box opens to enter the [AMR-100's serial number](#) and [IP address](#) and a select the [destination directory](#) using "Browse for destination directory." It opens the Destination Directory dialog box.

After selecting the [destination directory](#) the Amb-OS User Interface will open. All the [file transfers](#) or [playlists](#) will have been created, because no settings were imported.

Program Name Changes

When ministries change program names, the Amb-OS User Interface will automatically change the listing in the [Rename files](#) window, but leave the [local pattern](#) unchanged. The Amb-OS User Interface opens a window with a summary of the changes and the option to accept or postpone the changes.

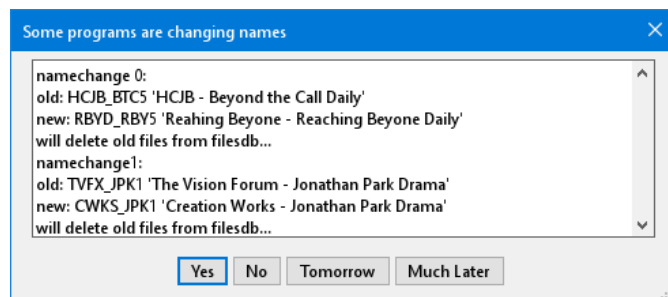
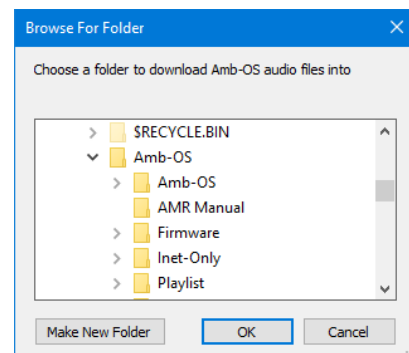
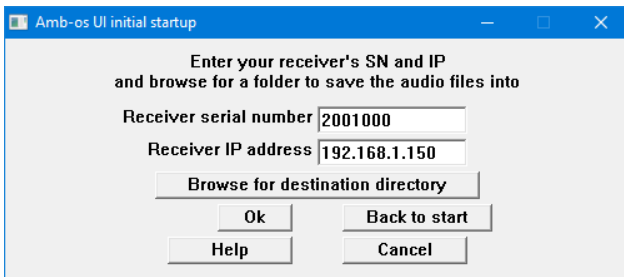
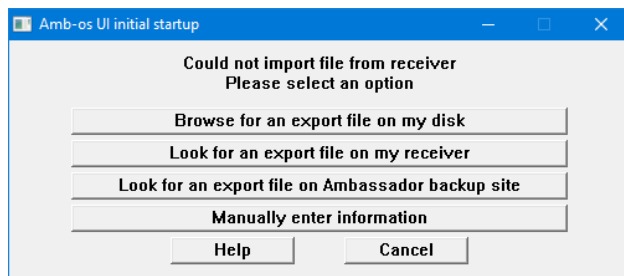
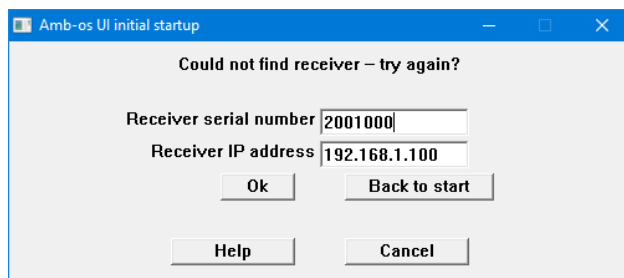
Yes: Makes the changes immediately.

No: Ignores the changes.

Tomorrow: Will make the changes the next day.

Much later: Makes the changes at a later time.

Programs can also be checked at any time with the [Recheck name changes](#) in the [Support](#) menu.



WARNING
If the the program names are not changed, the program will not be transferred when the programs arrive with the new name.

Retrieving the AMR-100 Settings

Press [ENTER] on the front panel of the AMR-100 to display the serial number and IP address. The Serial No: and IP Addr: of the local AMR-100 will be different from the example.

Static IP Address:

Press [ENTER] to display the setup screen. The IP address is the third entry.

Dynamic IP Address (DHCP):

1. Press [ENTER] to display the setup screen. The third line displays: **IP Addr: DHCP**.
2. Press [ENTER] again.
3. Press the [DOWN] arrow to highlight **IP Addr: DHCP**.
4. Press [ENTER] again to display the IP address.

Record these numbers to verify or enter them into the receiver information dialog box.

Setup	Date
Firmware:	2.28
Serial No:	2001000
IP Addr:	192.168.1.150
Clock Interval	

Static IP address displayed

Setup	Date
Firmware:	2.28
Serial No:	2001000
IP Addr:	DHCP
Clock Interval	

Setup	Date
MAC	XXXXXXXXXXXX
Alarm	Output 6
DHCP	Yes
IP Addr	192.168.1.150

DHCP displays

File Transfer Methods

The Amb-OS User Interface transfers programs immediately after being received (miscellaneous transfers) or at a scheduled time and day (timed transfers). Miscellaneous transfers are programs with no time in the Xfer time [day] column in the Rename files window. The Enable misc transfers box has to be checked or programs without a timed transfer have to be done manually.

Miscellaneous Transfers

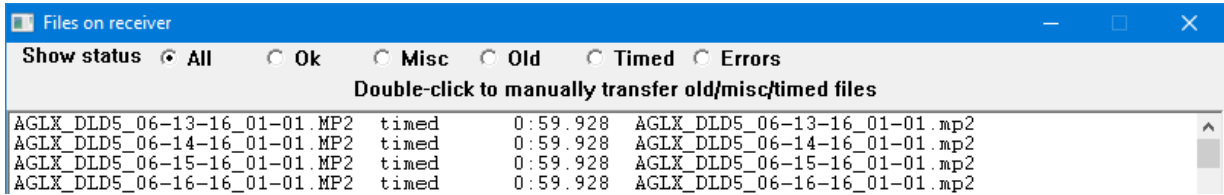
Miscellaneous transfers automatically transfers a program as soon as it arrives. This option works if using a unique name for each day's program, because new programs will not overwrite the previous day's program. When using the same program name every day a transferred program could overwrite an existing program before it airs. For example, if using "IFL-Daily" for all programs and the new program arrives at 8:00 am and the program airs at 9:00 am, that program could be replaced when the new program arrives. Using a transfer time after the program finishes airing (9:30 am or later) avoids this problem.

Automatic transfers can be enabled or disabled with Enable misc transfers box. Without checking the Enable misc transfers box, programs without a transfer time will not be listed in the Transfer queue window and have to be transferred manually through the Files/transfer window. Checking the Enable misc transfers box lists programs in the Transfer queue window and automatically transfers the programs after being received.

Timed Transfers

Timed transfers work well when using the same name every day for a program, but it can be used for all program transfers. The new program only be transfers at the time specified in the Xfer time [day] column in the Rename files window. Timed transfers prevent a new program from overwriting the current day's program if the transfer time is after the current program airs. If a program does not arrive until after the time in the Xfer time [day] column, it will transfer immediately after being received unless it arrives more than 24 hours after the scheduled transfer time.

Manual Transfers



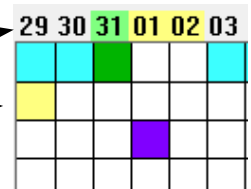
To do a manual transfer, open the [Files/transfer](#) window and double click on the program to transfer. Without a time specified in the [Xfer time \[day\]](#) column in the [Rename files](#) window and without the [Enable misc transfers](#) box checked or if a program arrives more than 24 hours after its transfer time, programs have to be transferred manually.

Manual program transfers retain the name specified in the [rename pattern](#) and applies any changes to the program as specified in the [System info](#) section ([Output format](#), [Output channels](#), [File output extension](#) or any [Cart Chunk](#) options).

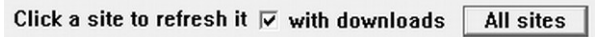
Manual FTP Transfers

In the [Status Window](#):

- Option 1: Click on the [date](#) that has the missed program.
- Option 2: Click on the [box](#) of the missed program.
- Option 3: [Refresh](#) a site with the [with downloads](#) box checked. This will transfer all programs that meet or have missed their transfer times.



Do not use option 3 to transfer only one program.



In the [Manage Sites](#) window:

1. Log in to a site, [navigate to the directory](#)
2. Click on the program
3. Click on [Save as](#) to download it.



This method does not change the program's name with [files rename](#) or convert it to a [different format](#).

Day Offset

The [day offset](#) for program [transfers](#) and for [playlists](#) are different due to the hardware requirements of the [AMR-100](#) receiver.

Transfer Day Offset

Use a *negative* number to prefeed or get a program before the scheduled air date and a positive number to day the transfer after the air date. The Amb-OS User Interface references the program air date.

Example – air date 05-14-15:

-1, the file will be transferred on 05-13-15

0, the file will be transferred on 05-14-15

1, the file will be transferred on 05-15-15

For a full discussion on entering day offsets for transfers please refer to the [Rename Files](#) section.

Playlist Day Offset

Use a *positive* number to prefeed programs in the playlist and a negative number to delay the transfer after the air date. The [AMR-100](#) references the desired playback date.

Example – air date of 05-14-14

1 or +1, the file will be played on 05-13-15

0, the file will be played on 05-14-15

-1, the file will be played on 05-15-15

For a full discussion on the entering day offsets for the playlist, please refer to the [Playlist Editor](#) section.

After 12 PM (noon) Rule

Without a [day offset](#) in [Rename files](#) box under [Xfer time \[day\]](#), the Amb-OS User Interface transfers the same day's program if scheduled before 12 PM (noon) and transfers the next day's program on or after 12:00 PM (noon).

09:00 will transfer the program for 02-05-16 on 02-05-16

13:00 will transfer the program for 02-06-16 on 02-05-16

Any [day offset](#) in the [Xfer time \[day\]](#) box nullifies this rule. Using "0" in the [day offset](#) always transfers the same day's program regardless of the time of the transfer.

Amb-OS Program Names

Format: MMMM_PPP#_MM-DD-YY_PN-TP.MP2

MMMM = Ministry Name

PPP# = Program Name with number of days of the week it airs (#)

MM-DD-YY = Program air date

PN-TP = part number (PN) of total parts (TP)

Description: Normally the program names (PPP#) end with a number. That number indicates how many times the program airs in a week.

5 = 5 times a week – typically M-F so the date of the program will be a week day.

1 = 1 time a week – typically a weekend so the date of the program will be a Saturday or Sunday.

The parts are described by the part number (PN) of the program and the total number of parts (TP). Thus 01-01 means the program has only one part. 02-03 means the file is the second part of a three part program.

Examples:

FOTF_FOF5_08-15-16_01-01.MP2

FOTF = Focus on the Family

FOF5 = Focus on the Family daily program

08-15-16 = Program's air date is August 15, 2015

01-01 = 1 part program, this is part 1 of 1 part.

LWFM_LWF5_08-12-16_01-03.MP2

LWFM = Love Worth Finding Ministries

LWF5 = Love Worth Finding daily program

08-12-16 = Program's air date is August 12, 2016

01-03 = 3 part program, this is part 1 of 3 parts.

IFLM_PAT1_08-20-16_01-03.MP2

IFLM = Insight for Living Ministries

PAT1 = Paws and Tales Weekend

08-20-16 = Program's air date is August 20, 2016

01-03 = 3 part program, this is part 1 of 3 parts.

Amb-OS Program Specifications

All files on the Amb-OS system are MP2 format, 48K sample rate and normalized to -6 dBfs.

Broadcast Wave Format

The Broadcast Wave Format (BWF) uses an MP2 encoding [format](#) with a WAV header and WAV extension. The BWF program has the bext, next, and fmt information in the header.

To create BWF compatible programs:

- Leave the program [format](#) as MP2
- Use the [Insert fmt chunk in mp2](#) option to insert the header information
- Force the program extension to “WAV” with [Special file extension](#)

Activity Window Messages

began monitoring: The Amb-OS User Interface began monitoring programs on the [AMR-100](#).

comb: A multiple part program was combined into one program.

ERR: An error happened when either transferring a program or during the [MP2 Verify](#). The error follows the filename. Three attempts are made to transfer or verify; therefore, if less than three errors are reported for the same program, the transfer was successful.

fwatch: Filewatch from the [AMR-100](#). The Amb-OS User Interface receives a message from the [AMR-100](#) when a new program has been successfully received.

rcvd: A program was successfully received by the [AMR-100](#).

rcvg: A program is being received by the [AMR-100](#).

refresh holding for fwatch: A refresh is scheduled, but it is waiting for the results from the *fwatch*.

repl: A program was resent to the [AMR-100](#) and it replaced an existing program within the 24 hour window for a daily program and seven days for a weekly program.

REPL: A replacement program has been queued.

temp cleanup: The temporary directory has been cleaned to avoid transfer errors.

total refresh: The user executed a [Total refresh](#) from the tools menu.

xfer: A program was successfully transferred from the receiver to the [destination directory](#).

AMR Receiver Models

AMR-100

The AMR-100 has an RF section to receive programs from the Amb-OS satellite feed. It can also retrieve missing packets if the RF transmission was interrupted. In the event of an RF failure, it can receive programs from the Internet with a LAN connection and access to the Internet on the network.

AMR-100I

The AMR-100I does not have a RF section and uses the Internet to receive programs.

Multiple Amb-OS User Interface Instances

Different computers can run the Amb-OS User Interface to control the same receiver, but the computers cannot have the same [temporary](#) and [destination directory](#), because program conflicts would happen when transferring the same program to the same [destination directory](#).

Keeping default [temporary directory](#) on the local computer prevents a conflict in that directory. If the same [temporary directory](#) is used on the same computers using the same [transfer times](#), when the Amb-OS User Interface [transfers](#) a program, both computers would try to write the same program to the same directory and cause file write issues preventing the program from transferring.


The same thing happens if the [destination directory](#) was the same on different computers. While tempting to put programs in the same directory when transferring, that can cause transfers to fail or programs to get corrupted. Use different [destination directories](#) for each computer running the Amb-OS User Interface. With a different [destination directory](#), copy the programs from the secondary [destination directory](#) to the primary [destination directory](#).

To change the backup computer to the main computer, change the [destination directory](#) of the Amb-OS User Interface on the desired computer to main [destination directory](#) location and then change the other computer to the backup [destination directory](#).

Permission Portal

To request program permissions, go to the [Amb-OS Permissions Portal](http://www.focussat.net/cgi-bin/ambos/permissions).
(<http://www.focussat.net/cgi-bin/ambos/permissions>).

Amb-OS Permissions - Login page



Enter your Amb-OS receiver serial number and password to enter the permissions page. If you do not have a password, or forgot it, enter your serial number and press "Email me a password".

Receiver serial number

Password

For help, call 1-877-AMBOS2U.

To find your receiver's serial number, use any of the following:

- If you are running the User Interface software, look in the System info menu
- If you know the receiver's IP address, type that into your browser, click on System Statistics, and note the TID number
- Press the Enter button (once) on the receiver front panel

Logging Into the Site

Enter the AMR-100's [serial number](#) and enter the password.

To get the serial number:

- Use the HTML Interface of the [AMR-100](#) and click on System Statistics
- The AMB-OS User Interface has the serial number in the [Receiver Parameters](#) under [System Info](#). The [receiver serial number](#) is the TID number.
- [Retrieve the serial number](#) from the front panel of the [AMR-100](#).

To retrieve a lost or forgotten password, enter in the AMR-100's serial number and click on "Email me a password." The Amb-OS system has one or two emails associated the AMR-100 and it sends the password to the addresses. If a password does not arrive call the help line at (877) 262-6728 or (877) AMB-OS2U to find out the email address associated with the AMR-100.

After clicking "Email me a password," the following page appears. Another email address can be entered to receive the password.

If the AMR-100 does not have an entry in the Amb-OS server, the "Permission Portal" displays a message that serial number or the station could not be found. If that happens and the serial number is correct, call the toll free help line at (877) 262-6728 or (877) AMB-OS2U.

The permission portal opens after successfully entering the serial number and password.

Processing your request...

Emailing password to...

Station: RSTN
Serial number: 2001000
Email: person@station.com

Sending email...

Email has been sent to **person@station.com**

[Back to login page](#)

(This is the email address in our database)

To send the password to another address, enter the information below

Your name

Email

Confirm email

Processing your request...

I cannot find your station or serial number

Please use *Back* key and try again

The Amb-OS Permission Portal lists all available programs on the left, all the program with permissions for the AMR-100 on the right and the definitions of the ministries under the table.

Welcome, Amb-OS Station
See contact info

Managing permissions for Amb-OS receiver SN 2001000
 (Ministry guide at bottom)

Available Programs

Select programs to **add**

(pgms in green are pending)

AGLX Daily Light for Daily Living Daily

AGLX Living in the Light (Weekly + promo)

AIMG Answers with Ken Ham

APRT Public Square Daily (2:00)

APRT Public Square Short Weekend (4:30)

APRT Public Square Weekend

APRT Public Square Weekend Promo

ASLS A 60 Second Look At Sports (1:00)

BDMX BDM Indiana News Minute

BDMX BDM MO Jeff City Update

BDMX BDM Wisconsin Family Minute

BGEA Decision Minute

BGEA Decision Minute CANADA

BGEA Minuto Decisivo (BGEA Spanish 1:00)

BGEA Momentos de Decision (BGEA Spanish 14:30)

BGEA Momentos de Decision PROMO (:30)

BRNK Brinkman Adventures (Weekly 26:00) + Promo

BTTB Back to the Bible Daily BORDER (28:00)

BTTB Back to the Bible Daily CANADA

BTTB Back to the Bible Weekend

BTTB Back to the Bible Weekend CANADA

BTTB Back to the Bible Weekly Overview Promo

BTTB Bible Minute (stereo) CANADA

BTTB La Biblia Dice (BTTB) Daily

BTTB La Biblia Dice (BTTB) Weekend

(hold *ctrl* key to select more than one program)

Current Programs

Select programs to **delete**

ASLS A Second Look At Sports (28:00)

ASLS A Second Look At Sports PROMO

BGEA Peace with God

BGEA Peace with God Promo

BTTB Back to the Bible Daily C/NC

BTTB Bible Minute (stereo)

FOTF Adventures in Odyssey Daily (st)

FOTF Adventures in Odyssey Daily Promo

FOTF Adventures in Odyssey Weekend (st) (3 Parts)

FOTF Adventures in Odyssey Weekend Promo

FOTF Everyday Relationships Mustcarry CM

FOTF Everyday Relationships Promo

FOTF Focus on the Family Daily CM

FOTF Weekend Magazine CM (4 Parts)

FOTF Weekend Magazine Promo

FRCA Washington Watch Weekend

GTYX Grace to You Daily CM

GTYX Grace to You Daily PROMO

IFLM Insight for Living Daily C/NC

IFLM Insight for Living Daily Promo

IFLM Paws and Tales (stereo) 3 Parts + Promo

INST Amb-OS System

ITM_ In Touch Daily

ITM_ In Touch Weekly Promo (Coming Series)

ITM_ In Touch Weekly Promo (Current Series)

(hold *ctrl* key to select more than one program)

Request permissions
Clear all

Remove permissions
Clear all

Ministry guide

AGLX Angel Ministries	GTYX Grace to You	MOFF Christian Resource Center	TGPX The Garlow Perspective
AIMG Answers in Genesis	HARV Harvest Ministries	MSHX Mercy Ships	TLRX Campus Crusade
APRT American Policy Roundtable	HOPE The Barrick Family	NCCX National Christian Choir	TRNP Turning Point
ASLS A Second Look at Sports	HRMX Haven Ministries	NEWX Newlife Ministries	TUA_ The Urban Alternative
BDMX Bob Ditmer Media	ICRM Institute for Creation Research	PFMX Prison Fellowship	TWRM TWR
BGEA Billy Graham Evangelical Assn	IFLM Insight for Living	PTOV Pathway to Victory	TYND Tyndale House
BRNK Brinkman Family Ministry	ITM_ In Touch	PTTM Heartlight Ministries	UNSH Unshackled
BTTB Back to the Bible	JAFX Joni and Friends	PV31 Proverbs 31	UPWX Upwords
CFCX Crown Financial	LAMX OneCry	RBCM RBC Ministries	WAWX Word and the World
COMX Compassion Intl	LIBC Liberty Counsel	RBYD Reach Beyond	WITW Walk in the Word
CWKS Creative Works	LIFX Life Issues	RENEW Renewal Radio	WMAG World Magazine
FAMX Family Life Today	LIGM Ligonier Ministries	RMOX God's Great Outdoors	WORZ Without Reservation
FOTF Focus on the Family	LWFM Love Worth Finding	ROHX Revive our Hearts	WSCX Wayne Shepherd Com
FPAX Fellowship for Performing Arts	LWOL Life Without Limbs	ROWX Revival Outside the Walls	WTIX Campus Crusade
FPRG Family Programs	MBLD Marriage Builders	RYWX Luis Palau Association	
FRCA Family Research Council	MNNX Mission Network	RZIM Ravi Zacharias Ministries	
GMCW Gail McWilliams	MODY Moody Church Media	TFLM Truth For Life	

Requesting and deleting program permissions

Use the left window (Available Programs) to [request programs](#) and the right window (Current Programs) to [delete program](#) permissions.

Contact Information

View and change the contact information by clicking on the “See contact info” button. An alternate name and email can be entered to receive the login information.

After clicking on “Save changes,” the “Permission Portal” page reflects the new email address at the top of the page.

To return to the permission page without making any changes, click on “Return to permission page (without changing data).”

Contact info for receiver at Amb-OS Station SN 2001000

Emails concerning permissions will be sent to Main email, and to Alt email if given

Main email person@station.com

Alt contact

Alt email

Alt contact now: Focus Satellite at newperson@station.com

Welcome, Amb-OS Station

Managing permissions for Amb-OS receiver SN 2001000

NOTE
Only one alternate contact and email address can be used.

Requesting Programs

To request a program, click on the desired program(s). Use the control key with the left mouse click to select multiple programs one at a time. After selecting the program(s), click on “Request permissions.”

A request gets sent to the appropriate ministry and they will grant the [AMR-100](#) permission to receive the program. Some ministries may want more information before granting program permissions.

Click on “Clear all” to clear the highlighted program(s). After selecting multiple programs, an individual program cannot be cleared. When clicking “Clear all,” all requested programs are cleared and the desired programs must be highlighted again.

Available Programs

Select programs to add
(pgms in green are pending)

- ROHX Revive Our Hearts Weekly Overview Promo
- ROHX Seeking Him Daily
- ROWX Revival Outside the Walls Daily
- RYWX Reaching Your World Daily (1 min.)
- RYWX Reaching Your World Daily (2 min.)
- RYWX Reaching Your World weekly PROMO
- RZIM Just Thinking Daily CANADA
- RZIM Just a Thought Daily (1:00)
- RZIM Let My People Think Weekly CANADA
- TFLM Truth For Life Daily (25:00)
- TFLM Truth For Life Daily CANADA
- TFLM Truth For Life Daily PROMO
- TFLM Truth For Life Weekend (25:00)
- TFLM Truth For Life Weekend CANADA
- TFLM Truth For Life Weekend Overview PROMO
- TFLM Truth For Life Weekend PROMO
- TGPX The Garlow Perspective Daily
- TGPX The Garlow Perspective Special PROMO
- TLRX The Light House Report Daily 1:00
- TLRX The Light House Report Daily 2:00
- TRNP Momento Decisivo Daily
- TRNP Route 66
- TRNP Turning Point Daily BORDER
- TRNP Turning Point Daily CANADA
- TRNP Turning Point Daily PROMO BORDER

(hold *ctrl* key to select more than one program)

Deleting Programs

The process to delete a program permission is the same as [requesting permissions](#). Highlight the program(s) that will no longer be received. To select multiple programs, use the control key with the left mouse click. After selecting the program(s) to be deleted, click on “Remove permissions.”

WARNING
Program permissions are removed immediately when clicking on “Remove permissions” and cannot be undone.

If a program was deleted accidentally, it has to be requested again using the [Request permissions](#) on the left side of the portal page.

Click on “Clear all” to clear the highlighted program(s). After selecting multiple programs, an individual program cannot be cleared. When clicking “Clear all,” all requested programs are cleared and the desired programs must be highlighted again.

Current Programs
Select programs to delete

ITM_ In Touch Weekly Promo (Current Series)

ITM_ In Touch Weekly Promo (Generic)

LIGM Renewing Your Mind Daily (26:25)

LIGM Renewing Your Mind Daily Promo (:30)

LWFM Love Worth Finding CM

LWFM Love Worth Finding Promos (Monthly)

LWFM Treasures from the Word (LWF)

PFMX BreakPoint Daily

PFMX BreakPoint Daily CM

PFMX BreakPoint This Week

PFMX BreakPoint This Week Promo

RBCM Discover the Word (stereo)

RBCM Discover the Word Promo

RBCM Our Daily Bread - 2 min (st)

RBCM Our Daily Bread - 5 min (st)

RBCM Sports Spectrum Promo 30 sec

RBCM Sports Spectrum Promo 60 sec

RBCM Sports Spectrum Weekend

RZIM Just Thinking Daily

RZIM Let My People Think Weekly

RZIM Let My People Think Weekly Promo

TRNP Turning Point Daily

TRNP Turning Point Daily PROMO

WITW Walk in the Word - 1 Part

WITW Walk in the Word Weekly Promo

(hold *ctrl* key to select more than one program)

NOTE
When deleting program permissions, be sure to include the associated program permissions like the promo and other versions.

Some programs have additional versions associated with the main program and those permissions should also be deleted. For example, Focus on the Family also has a state only version (SO), a C3 or C4 version and combination versions (C/NC/B or C/NC).

Amb-OS Program Listing

Updated 06/14/16

To get the most accurate information go to: <http://www.focussat.net/ambos/programs.html>

When several versions of a program (eg COMM NC Border etc) exit, the program received on the [AMR-100](#) only the requested program arrives on the [AMR-100](#) and the version designation is removed. Only one version will be delivered to the [AMR-100](#).

The **Queued** column is the time (eastern) the program gets [queued](#) for satellite delivery and the number of days before the air date the program is [queued or scheduled](#) for delivery. Programs get sent sequentially and one at a time. If multiple programs get [queued](#) at the same time or a previous program did finish transmitting, a program may arrive later than the queued time. Look at the [Activity log](#) window to see what time a program arrived on the [AMR-100](#) to know when it can be transferred or played.

Abbreviations	
BORD, BORDER	Canadian border (Canadian contact info)
C/NC/B	Commercial, NC, or Canadian border
CAN, CANA	Canadian version
CM, COMM	Commercial version
NC, NCOM	Non-commercial version
SF	Short feature
SO	State-specific announcements - handled internally
(st)	Stereo

WARNING

This table was accurate at the time of publication. Please verify the correct information on the Amb-OS web site.

<http://www.focussat.net/ambos/programs.html>

Amb-OS program listing table

01/17/16

Amb-OS Desig	Program Name	Runtime	Ministry	Queued	Air days
AFRN_WR11	American Family News - Week In Review	04:30	American Family News	21:00 1	sat
AFRN_WR21	American Family News - Week In Review	04:00	American Family News	21:00 1	sat
AFRN_AFN5	American Family News	04:30	American Family News	23:38 1	mon-fri
AFRN_SPT1_04pt	American Family News - Weekly Spots	00:30	American Family News	21:00 4	mon
AFTR_AFT1	Afterglow Weekly	29:30	Afterglow Music	10:00 5	sun
AGLX_DLD5	Daily Light for Daily Living Daily	01:00	Angel Ministries	18:30 5	mon-fri
AGLX_LIL1	Living in the Light (Weekly + promo)	24:55	Angel Ministries	08:00 6	sun
AGLX_LL3P	Living in the Light (Weekly + promo)	00:30	Angel Ministries	08:00 6	sun
AIGM_AKH5	Answers with Ken Ham	01:00	Answers in Genesis	18:55 4	mon-fri
APRT_TPS5	Public Square Daily (2:00)	02:00	Amer. Policy Roundtable	21:00 3	mon-fri
APRT_PSS1	Public Square Short Weekend (4:30)	04:30	Amer. Policy Roundtable	16:01 2	sat
APRT_TPS1_04pt	Public Square Weekend	47:00	Amer. Policy Roundtable	16:00 2	sat
APRT_PSE1	Public Square Weekend Extended Version (57:00)	57:00	Amer. Policy Roundtable	16:10 2	sat
APRT_TPP1	Public Square Weekend Promo	01:00	Amer. Policy Roundtable	16:00 4	sat
ASLS_A6L5	A 60 Second Look At Sports	00:55	A Second Look at Sports	11:00 3	7 days
ASLS_SLS1	A Second Look At Sports	28:00	A Second Look at Sports	14:00 2	sat
ASLS_ASPL	A Second Look At Sports PROMO	00:30	A Second Look at Sports	11:00 6	sat
BDMX_INM5	BDM Indiana News Minute	01:00	Bob Ditmer Media	22:00 1	mon-fri
BDMX_JCU5	BDM MO Jeff City Update	01:00	Bob Ditmer Media	22:00 1	mon-fri
BDMX_WFM5	BDM Wisconsin Family Minute	01:00	Bob Ditmer Media	22:00 1	mon-fri
BGEA_DMP5	Decision Minute	01:00	Billy Graham Evangelical Assn	16:00 5	mon-fri
BGEA_DMP5	Decision Minute CANADA	01:00	Billy Graham Evangelical Assn	16:00 5	mon-fri
BGPL_JAM5	Just a Minute	01:00	Basic Gospel	21:00 3	mon-fri
BRNK_BFA1	Brinkman Adventures (Weekly 26:00)	25:55	Brinkman Family Ministry	08:00 6	sat
BTTB_BT5	Back to the Bible Daily BORDER (28:00)	28:30	Back to the Bible	07:10 3	irregular
BTTB_BT5	Back to the Bible Daily C/NC	25:00	Back to the Bible	06:00 3	mon-fri
BTTB_BT5	Back to the Bible Daily CANADA	28:30	Back to the Bible	06:10 3	mon-fri
BTTB_BT1	Back to the Bible Weekend	25:00	Back to the Bible	06:00 3	sat
BTTB_BT1	Back to the Bible Weekend CANADA	28:30	Back to the Bible	06:00 3	sat
BTTB_BTPW	Back to the Bible Weekly Overview Promo	00:30	Back to the Bible	04:00 3	mon
BTTB_BTPW	Back to the Bible Weekly Promo Overview CANADA	00:30	Back to the Bible	04:00 3	mon
BTTB_TBM5	Bible Minute (stereo)	01:00	Back to the Bible	11:00 3	mon-fri
BTTB_TBM5	Bible Minute (stereo) CANADA	01:00	Back to the Bible	11:00 3	mon-fri
BTTB_LBD5	La Biblia Dice (BTTB) Daily	14:30	Back to the Bible	07:00 3	mon-fri
BTTB_LBD1	La Biblia Dice (BTTB) Weekend	14:30	Back to the Bible	07:00 3	sat
BTTB_LAG5	Laugh Again Daily CANADA (4:30)	04:30	Back to the Bible	06:00 3	mon-fri
BTTB_LAG5	Laugh Again Daily US (4:30)	04:30	Back to the Bible	06:00 3	mon-fri
BTTB_NRL1	Not Religion Weekly	00:30	Back to the Bible	11:00 3	fri
CFCX_MML5	My MoneyLife Daily SF	02:00	Crown Financial	20:20 3	mon-fri
COMX_SMS1	Step Into My Shoes (Compassion)	01:00	Compassion Intl	18:30 7	mon
CRUX_MC15	Making Your Life Count (1:00)	01:00	Cru	18:30 4	mon-fri
CRUX_MC25	Making Your Life Count (2:00)	02:00	Cru	18:30 4	mon-fri
CTCA_HHI1	Health Hope and Inspiration (26:00)	26:00	Cancer Treatment Center	21:00 4	sat
CTCA_G6P1	Health Hope and Inspiration GENERIC PROMOS	01:00	Cancer Treatment Center	23:50 4	mon
CTCA_G3P1	Health Hope and Inspiration GENERIC PROMOS	00:30	Cancer Treatment Center	23:51 4	mon
CTCA_G1P1	Health Hope and Inspiration GENERIC PROMOS	00:10	Cancer Treatment Center	23:52 4	mon

Amb-OS Desig	Program Name	Runtime	Ministry	Queued	Air days
CTCA_HHP1	Health Hope and Inspiration WEEKLY PROMOS	00:30	Cancer Treatment Center	23:40 4	mon
CTCA_HSP1	Health Hope and Inspiration WEEKLY PROMOS	00:10	Cancer Treatment Center	23:45 4	mon
DHMX_DMN5	Daily Hope Minute (1:00)	01:00	Daily Hope Ministries	22:01 4	mon-fri
DHMX_DHP5	Daily Hope with Rick Warren	25:00	Daily Hope Ministries	22:00 4	mon-fri
DSCS_DSC1_07pt	Daren Streblow Comedy Show CM	12:00	Daren Streblow	14:05 2	irregular
DSCS_HLT5	Daren Streblow Comedy Show Highlight	01:00	Daren Streblow	14:00 3	irregular
DSCS_DSC1_07pt	Daren Streblow Comedy Show NC	12:00	Daren Streblow	14:08 2	irregular
EAGL_FTW1	Find The Way (Sunday)	29:00	Eaglecom	21:00 4	sun
EEIM_SLT5	Share Life Today (1:00)	01:00	Evangelism Explosion	07:00 4	mon-fri
FAMX_FLB5	FamilyLife Blended	01:00	Family Life Today	11:25 4	mon-fri
FAMX_FLT5	FamilyLife Daily Broadcast	24:55	Family Life Today	12:00 1	mon-fri
FAMX_FLP5	FamilyLife Daily PROMO	00:30	Family Life Today	06:00 3	mon-fri
FAMX_FLPW	FamilyLife Daily Weekly Overview Promo	00:30	Family Life Today	18:30 4	mon
FAMX_FLT1	FamilyLife This Week Weekend	28:00	Family Life Today	16:00 3	sat
FAMX_FLP1	FamilyLife This Week Weekend PROMO	00:30	Family Life Today	16:00 6	sat
FAMX_RFL5	Real Family Life Daily	01:30	Family Life Today	18:30 5	mon-fri
FAMX_VFH5	Vida en Familia Hoy (FAM Spanish)	14:30	Family Life Today	12:00 3	mon-fri
FEBC_TDY5	FEBC Today (2:00)	02:00	FEBC	13:00 3	mon-fri
FHHM_FHH5	From His Heart Daily (25:00)	25:00	From His Heart Ministries	23:45 4	mon-fri
FHHM_FHPW	From His Heart Promo (:30)	00:30	From His Heart Ministries	23:46 4	mon
FHHM_FHH1	From His Heart Weekly (25:00)	25:00	From His Heart Ministries	23:47 4	sat
FHHM_RHM5	Real Hope Minute (1:00)	01:00	From His Heart Ministries	23:49 4	mon-fri
FOIM_FOP1	Friends of Israel Promo	00:30	Friends of Israel	22:00 5	sat
FOIM_FO11	Friends of Israel Weekly	25:00	Friends of Israel	22:00 2	sat
FOTF_OD1S_03pt	Adventures in Odyssey Christmas	25:30	Focus on the Family	21:01 31	irregular
FOTF_OD2S_03pt	Adventures in Odyssey Christmas	25:30	Focus on the Family	21:01 31	irregular
FOTF_OD3S_03pt	Adventures in Odyssey Christmas	25:30	Focus on the Family	21:01 31	irregular
FOTF_OD4S_03pt	Adventures in Odyssey Christmas	25:30	Focus on the Family	21:01 31	irregular
FOTF_OD5S_03pt	Adventures in Odyssey Christmas	25:30	Focus on the Family	21:01 31	irregular
FOTF_OD6S_03pt	Adventures in Odyssey Christmas	25:30	Focus on the Family	21:01 31	irregular
FOTF_OD1P	Adventures in Odyssey Christmas	00:30	Focus on the Family	21:01 31	irregular
FOTF_OD2P	Adventures in Odyssey Christmas	00:30	Focus on the Family	21:01 31	irregular
FOTF_OD3P	Adventures in Odyssey Christmas	00:30	Focus on the Family	21:01 31	irregular
OTF_OD4P	Adventures in Odyssey Christmas	00:30	Focus on the Family	21:01 31	irregular
FOTF_OD5P	Adventures in Odyssey Christmas	00:30	Focus on the Family	21:01 31	irregular
FOTF_OD6P	Adventures in Odyssey Christmas	00:30	Focus on the Family	21:01 31	irregular
FOTF_ODY5	Adventures in Odyssey Daily (st)	25:30	Focus on the Family	01:01 3	mon-fri
FOTF_ODY5_03pt	Adventures in Odyssey Daily (st) (3 Parts)	25:30	Focus on the Family	01:10 3	mon-fri
FOTF_ODY5	Adventures in Odyssey Daily (st) CANADA	25:30	Focus on the Family	01:01 3	mon-fri
FOTF_ODP5	Adventures in Odyssey Daily Promo	00:30	Focus on the Family	01:00 3	mon-fri
FOTF_ODY1	Adventures in Odyssey Weekend (st)	25:30	Focus on the Family	05:00 3	sat
FOTF_ODY1_03pt	Adventures in Odyssey Weekend (st) (3 Parts)	25:30	Focus on the Family	05:00 3	sat
FOTF_ODY1	Adventures in Odyssey Weekend (st) CANADA	25:30	Focus on the Family	05:00 3	sat
FOTF_ODP1	Adventures in Odyssey Weekend Promo	00:30	Focus on the Family	05:00 5	sat
FOTF_AEO1_03pt	Aventuras en Odesia (Odyssey Spanish)	25:30	Focus on the Family	00:15 4	sat
FOTF_AOP1	Aventuras en Odesia promo (Odyssey Spanish)	00:13	Focus on the Family	00:14 4	sat
FOTF_BND1	Boundless Canada Weekly + Promo	26:00	Focus on the Family	15:45 2	sat
FOTF_BNP1	Boundless Canada Weekly + Promo	00:30	Focus on the Family	11:00 5	sat
FOTF_BND1	Boundless Weekly + Promo	26:00	Focus on the Family	15:40 2	sat
FOTF_BNP1	Boundless Weekly + Promo	00:30	Focus on the Family	11:00 5	sat
FOTF_CC1S_03pt	Christmas Carol (2 episodes ST)	00:00	Focus on the Family	21:01 31	irregular

Amb-OS Desig	Program Name	Runtime	Ministry	Queued	Air days
FOTF_CC2S_03pt	Christmas Carol (2 episodes ST)	00:00	Focus on the Family	21:01 31	irregular
FOTF_CC1P	Christmas Carol (2 episodes ST)	00:00	Focus on the Family	21:01 31	irregular
FOTF_PISW	Conectados (Plugged in Spanish)	01:00	Focus on the Family	18:58 1	fri
FOTF_ECM5	Enfoque 90-sec comentario	01:30	Focus on the Family	06:33 3	mon-fri
FOTF_EAF5	Enfoque a la Familia	14:30	Focus on the Family	16:30 3	mon-fri
FOTF_GEPW_10pt	Focus Generic Weekly Promos	00:00	Focus on the Family	16:00 3	mon
FOTF_HSPS_13pt	Focus Host Greetings	01:00	Focus on the Family	15:56 0	irregular
FOTF_MAN5	Focus Mandarin Program	28:00	Focus on the Family	08:00 5	irregular
FOTF_FOF5	Focus on the Family Daily C3 CM	28:30	Focus on the Family	23:01 1	mon-fri
FOTF_FOF5	Focus on the Family Daily C3 NC	28:30	Focus on the Family	23:01 1	mon-fri
FOTF_FOF5	Focus on the Family Daily CM	28:30	Focus on the Family	23:01 1	mon-fri
FOTF_FOF5	Focus on the Family Daily Canada CM	28:30	Focus on the Family	23:05 1	mon-fri
FOTF_FOF5	Focus on the Family Daily Canada NC	28:30	Focus on the Family	23:05 1	mon-fri
FOTF_FOP5	Focus on the Family Daily Canada Promo	00:30	Focus on the Family	23:00 2	mon-fri
FOTF_FOF5	Focus on the Family Daily NC	28:30	Focus on the Family	23:01 1	mon-fri
FOTF_FOP5	Focus on the Family Daily Promo	00:30	Focus on the Family	23:00 2	mon-fri
FOTF_DFM5	Focus on the Family Minute	01:00	Focus on the Family	07:00 3	mon-fri
FOTF_DFM5	Focus on the Family Minute CANADA	01:00	Focus on the Family	07:00 3	mon-fri
FOTF_PIN5	Plugged In Daily 1 Minute	01:00	Focus on the Family	15:58 1	mon-fri
FOTF_PI25	Plugged In Daily 2 Minute	02:00	Focus on the Family	15:58 1	mon-fri
FOTF_PIW1	Plugged In Weekly 2 Minute	02:00	Focus on the Family	15:58 1	fri
FOTF_RTH1_03pt	Radio Theater (st) + Promo CANADA	28:00	Focus on the Family	02:40 5	sat
FOTF_RTP1	Radio Theater (st) + Promo CANADA	00:30	Focus on the Family	02:47 5	sat
FOTF_RTH1_03pt	Radio Theatre (st) + Promo	28:00	Focus on the Family	02:40 5	sat
FOTF_RTP1	Radio Theatre (st) + Promo	00:30	Focus on the Family	02:47 5	sat
FOTF_RTC1_06pt	Radio Theatre Christmas by Injunction	29:35	Focus on the Family	16:03 0	irregular
FOTF_W301_02pt	Weekend 30min (2 parts)	27:30	Focus on the Family	01:00 4	sat
FOTF_FOP1	Weekend CANA Promo	00:30	Focus on the Family	11:10 4	sat
FOTF_FOF1	Weekend CM	55:00	Focus on the Family	12:30 5	sat
FOTF_FOF1_04pt	Weekend CM (4 Parts)	55:00	Focus on the Family	12:40 5	sat
FOTF_FOF1	Weekend Canada CM	57:00	Focus on the Family	11:11 3	sat
FOTF_FOF1	Weekend NC	55:00	Focus on the Family	12:00 5	sat
FOTF_FOF1_04pt	Weekend NC (4 Parts)	55:00	Focus on the Family	12:10 5	sat
FOTF_FOP1	Weekend Promo	00:30	Focus on the Family	12:00 5	sat
FPAX_LT15	Listen to the Bible 1 minute Daily	01:00	Fellowship for Performing Arts	18:30 5	mon-fri
FPAX_LT35	Listen to the Bible 3 minute Daily	03:00	Fellowship for Performing Arts	18:30 5	mon-fri
FPMX_FPM5	Focal Point (25:00)	25:00	Focal Point Ministry	22:00 4	mon-fri
FPMX_FPP5	Focal Point Promos (:30)	00:30	Focal Point Ministry	22:00 4	mon-fri
FPMX_FPW1	Focal Point Weekend	25:00	Focal Point Ministry	22:00 4	sat
FPRG_TWS5	The Word (stereo)	04:30	Family Programs	01:00 3	mon-fri
FPRG_WKD1	We Kids (stereo)	28:30	Family Programs	18:16 6	sat
FPRG_WKP1	We Kids Promo (stereo)	00:30	Family Programs	18:15 6	sat
FRCA_WWD5	Tony Perkins Minute	01:00	Family Research Council	14:10 1	mon-fri
FRCA_WWW1	Washington Watch Weekend	28:00	Family Research Council	10:30 1	sat
GMCW_SBG5	Seeing Beyond with Gail McWilliams (Daily 2:00)	02:00	Gail McWilliams	12:00 7	mon-fri
GTIX_BQA5	GTIX Bible Q&A	02:00	Grace to You	10:30 3	mon-fri
GTIX_GTY5	Grace to You Daily CM	28:55	Grace to You	18:30 3	mon-fri
GTIX_GTY5	Grace to You Daily NC	28:55	Grace to You	18:30 3	mon-fri
GTIX_GTP5	Grace to You Daily PROMO	00:30	Grace to You	18:30 6	mon-fri
GTIX_GTY1	Grace to You Weekend	23:55	Grace to You	16:00 3	sat
GTIX_GTP1	Grace to You Weekend PROMO	00:30	Grace to You	16:00 4	sat

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GTYX_GTPW	Grace to You Weekly Overview PROMO	00:30	Grace to You	18:30 4	mon
GTYX_POG5	Portraits of Grace Daily	01:00	Grace to You	18:30 5	mon-fri
HARV_HAC5	A Harvest America Moment (CCM)	01:00	Harvest Ministries	16:00 4	mon-fri
HARV_HAI5	A Harvest America Moment (INSP)	01:00	Harvest Ministries	16:00 4	mon-fri
HARV_ANB5	A New Beginning-CM	25:00	Harvest Ministries	05:00 3	mon-fri
HARV_ANB5	A New Beginning-NC	25:00	Harvest Ministries	05:10 3	mon-fri
HARV_ANB1	A New Beginning-Weekend	25:00	Harvest Ministries	04:00 3	sat
HARV_ANPW	A New Beginning-Weekly Promo	00:30	Harvest Ministries	04:00 3	mon
HARV_KNG5	Knowing God from Harvest America	02:00	Harvest Ministries	16:00 4	mon-fri
HHPX_WGH5	Woman after God's own Heart Daily	01:00	Harvest House Publishers	20:30 3	mon-fri
HOPE_HOL5	Hope Out Loud (1:00)	01:00	The Barrick Family	08:00 3	mon-fri
HRMX_ANC5	Anchor Today (1:00)	01:00	Haven Ministries	22:40 4	mon-fri
HRMX_PRO5	Haven Daily PROMO	00:30	Haven Ministries	21:40 1	mon-fri
HRMX_PRO5	Haven Daily PROMO CANADA	00:30	Haven Ministries	21:40 1	mon-fri
HRMX_NOW5	Haven Now	01:00	Haven Ministries	21:45 1	mon-fri
HRMX_HRM5	Haven Today	26:00	Haven Ministries	21:50 1	mon-fri
HRMX_HRM5	Haven Today CANADA	26:00	Haven Ministries	22:00 1	mon-fri
HRMX_HRM1	Haven Weekend	26:00	Haven Ministries	21:00 2	sat
HRMX_HRM1	Haven Weekend CANADA	26:00	Haven Ministries	21:00 2	sat
ICRM_BTG5	Back to Genesis Daily	01:00	Institute for Creation Research	18:31 3	mon-fri
ICRM_BTGW	Back to Genesis Weekly Promo	00:30	Institute for Creation Research	18:31 5	sat
ICRM_SSS1	Science, Scripture & Salvation Weekly	14:00	Institute for Creation Research	18:57 4	sat
ICRM_SSSW	Science, Scripture & Salvation Weekly Promo	00:30	Institute for Creation Research	18:25 0	sun
IFLM_SPCP_02pt	IFL Holiday Special PROMO	00:30	Insight for Living	06:00 2	irregular
IFLM_SPC1	IFL Holiday Specials	00:00	Insight for Living	06:00 2	irregular
IFLM_SPC1_03pt	IFL Holiday Specials	53:36	Insight for Living	06:00 2	irregular
IFLM_LIF5	IFL LifeTrac CANADA - Daily	05:00	Insight for Living	08:00 5	7 days
IFLM_IFL5	Insight for Living Daily BORD	27:30	Insight for Living	10:15 3	mon-fri
IFLM_IFL5	Insight for Living Daily C/NC	27:30	Insight for Living	10:00 3	mon-fri
IFLM_IFL5	Insight for Living Daily CANADA	28:30	Insight for Living	10:00 3	mon-fri
IFLM_IFP5	Insight for Living Daily Promo	00:30	Insight for Living	09:15 3	mon-fri
IFLM_ISF5	Insight for Living SF (Insights)	01:00	Insight for Living	09:00 3	mon-fri
IFLM_ISF5	Insight for Living SF (Insights) CANADA	01:00	Insight for Living	09:00 3	mon-fri
IFLM_IFL1	Insight for Living Weekend BORD	27:30	Insight for Living	10:15 5	sat
IFLM_IFL1	Insight for Living Weekend C/NC	27:30	Insight for Living	10:00 3	sat
IFLM_IFL1	Insight for Living Weekend CANADA	28:30	Insight for Living	10:00 3	sat
IFLM_IFP1	Insight for Living Weekend Promo	00:30	Insight for Living	09:00 5	sat
IFLM_IFPW	Insight for Living Weekly Promo	00:30	Insight for Living	09:30 3	mon
IFLM_PAT1	Paws and Tales (Stereo) CANADA	27:30	Insight for Living	06:15 5	sat
IFLM_PTP1	Paws and Tales (Stereo) CANADA Promo	00:30	Insight for Living	06:15 5	sat
IFLM_PAT1	Paws and Tales (stereo) 1 Part + Promo	26:50	Insight for Living	06:15 5	sat
IFLM_PTP1	Paws and Tales (stereo) 1 Part + Promo	00:30	Insight for Living	06:10 5	sat
IFLM_PAT1_03pt	Paws and Tales (stereo) 3 Parts + Promo	26:55	Insight for Living	06:20 5	sat
IFLM_PTP1	Paws and Tales (stereo) 3 Parts + Promo	00:30	Insight for Living	06:30 0	sat
IFLM_VPV5	Vision Para Vivir Daily NC	27:30	Insight for Living	12:30 3	mon-fri
IFLM_VPV1	Vision Para Vivir Weekend	27:30	Insight for Living	13:00 5	sat
IFLM_VIV5	Vivencias Daily Short Feature	01:00	Insight for Living	12:30 3	mon-fri
ISRL_FLJ5	Frontline Jerusalem (1:00)	01:00	Israel Always	22:00 4	mon-fri
ITM_IT5	En Contacto (In Touch) Daily	24:30	In Touch	00:45 3	mon-fri
ITM_GIT5	Get In Touch 1:00 CANADA	01:00	In Touch	01:40 3	mon-fri
ITM_GT95	Get In Touch 1:30 CANADA	01:30	In Touch	01:40 3	mon-fri

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ITM_ITM5	In Touch Daily	24:30	In Touch	01:30 3	mon-fri
ITM_ITM5	In Touch Daily CANADA	28:30	In Touch	01:30 3	mon-fri
ITM_MAN5	In Touch MANDARIN	24:30	In Touch	08:00 5	irregular
ITM_ITNW	In Touch Weekly Promo (Coming Series)	00:30	In Touch	01:45 3	mon
ITM_ITPW	In Touch Weekly Promo (Current Series)	00:30	In Touch	01:45 3	mon
ITM_ITGW	In Touch Weekly Promo (Generic)	00:30	In Touch	01:45 3	mon
ITM_IT31	In Touch Wkend 30min	24:30	In Touch	01:40 3	sat
ITM_IT31	In Touch Wkend 30min CANADA	28:30	In Touch	01:40 5	sat
ITM_SOM5	Solo un Minuto (Spanish)	01:00	In Touch	13:00 5	mon-fri
JAFX_DID5	Diamonds in the Dust Daily	01:00	Joni and Friends	18:30 5	7 days
JAFX_JAF5	Joni and Friends Daily	04:00	Joni and Friends	18:30 5	mon-fri
JAFX_JAPW	Joni and Friends Weekly Overview PROMO	00:30	Joni and Friends	18:30 4	mon
JMTX_JMT5_08pt	Janet Mefferd Today	53:50	Janet Mefferd	22:35 1	mon-fri
JMTX_JMP5	Janet Mefferd Today Daily Promo	00:30	Janet Mefferd	14:00 1	mon-fri
JMTX_JMM5	Janet Mefferd Today's Mefferd Minute	01:00	Janet Mefferd	22:43 1	mon-fri
KFKM_DGL1	Down Gilead Lane (24:30)	24:30	Keys for Kids	22:00 4	sat
KFKM_DGLP	Down Gilead Lane Weekly Promo (:30)	00:30	Keys for Kids	21:00 2	mon
KFKM_KFK6	Keys for Kids (1:00)	01:00	Keys for Kids	22:00 4	7 days
KFKM_KFK7	Keys for Kids (4:30)	04:30	Keys for Kids	21:00 4	7 days
KFKM_PTM7	Parent Minute	01:00	Keys for Kids	13:00 3	7 days
KTTM_KTT5	Know the Truth	25:00	Know The Truth	06:12 3	mon-fri
KTTM_KTP5	Know the Truth Promo	00:30	Know The Truth	06:14 3	mon-fri
KYLF_KYL5	Key Life Daily (13:30)	13:30	Key Life Ministries	08:00 3	mon-fri
KYLF_KYP5	Key Life Daily Promo (:30)	00:30	Key Life Ministries	08:00 3	mon-fri
KYLF_SBE1	Steve Brown Etc. (Commercial)	52:50	Key Life Ministries	22:30 1	sat
KYLF_SBE1	Steve Brown Etc. (Non-Com)	52:50	Key Life Ministries	22:30 1	sat
KYLF_YTA5	You Think About That (1:00)	01:00	Key Life Ministries	08:00 3	mon-fri
LAMX_ONE5	One Cry Daily (1:00)	01:00	OneCry	08:00 4	mon-fri
LIBC_FCL5	Freedom's Call (1:00)	01:00	Liberty Counsel	16:00 1	mon-fri
LIFX_LIF5	Life Issues Daily	01:00	Life Issues	18:26 1	mon-fri
LIFX_ATFS	Life Issues July 4th Special A Time for Sacrifice & Promos	26:00	Life Issues	22:00 7	irregular
LIFX_AT6S	Life Issues July 4th Special A Time for Sacrifice & Promos	01:00	Life Issues	22:00 7	irregular
LIFX_AT3S	Life Issues July 4th Special A Time for Sacrifice & Promos	00:30	Life Issues	22:00 7	irregular
LIFX_SOLS	Life Issues Sanctity of Life Special 2016 & Promos	26:00	Life Issues	15:00 4	sun
LIFX_SO3S	Life Issues Sanctity of Life Special 2016 & Promos	00:30	Life Issues	15:00 4	sun
LIFX_SO6S	Life Issues Sanctity of Life Special 2016 & Promos	01:00	Life Issues	15:00 4	sun
LIGM_RYM5	Renewing Your Mind Daily (26:25)	26:25	Ligonier Ministries	07:00 3	mon-fri
LIGM_RYMP	Renewing Your Mind Daily Promo (:15)	00:15	Ligonier Ministries	07:00 3	mon-fri
LIGM_RMM5	Renewing Your Mind Minute Daily (1:00)	01:00	Ligonier Ministries	07:00 3	mon-fri
LIGM_RYM1	Renewing Your Mind Weekend (26:25)	26:25	Ligonier Ministries	07:00 3	sat
LIGM_RYP1	Renewing Your Mind Weekend Promo (:15)	00:15	Ligonier Ministries	07:00 6	sat
LIGM_RYWP	Renewing Your Mind Weekly Overview Promo (:15)	00:15	Ligonier Ministries	07:00 3	mon
LTWX_LTW5	Leading The Way Daily (25:00)	25:00	Leading the Way	08:00 4	mon-fri
LTWX_LTW5	Leading The Way Daily (25:00) CANADA	25:00	Leading the Way	08:00 4	mon-fri
LTWX_LTP5	Leading The Way Daily Promo	00:30	Leading the Way	08:00 6	mon-fri
LTWX_LTF5	Leading The Way One Minute Feature (1:00)	01:00	Leading the Way	08:00 4	mon-fri
LTWX_LTW1	Leading The Way Weekly (25:00)	25:00	Leading the Way	08:00 4	sun
LWFM_LWS5	El Amor Que Vale (LWF) Daily	25:00	Love Worth Finding	07:00 3	mon-fri
LWFM_LWS1	El Amor Que Vale (LWF) Weekend	25:00	Love Worth Finding	07:05 3	sat
LWFM_LWF5	Love Worth Finding CM	25:00	Love Worth Finding	02:05 3	mon-fri
LWFM_LWF5	Love Worth Finding International	24:00	Love Worth Finding	04:15 3	mon-fri

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LWFM_LWF5	Love Worth Finding NC	25:00	Love Worth Finding	03:00 3	mon-fri
LWFM_LWF5	Love Worth Finding NC Canada	25:00	Love Worth Finding	03:00 3	mon-fri
LWFM_LWPM_02pt	Love Worth Finding Promos (Monthly)	00:30	Love Worth Finding	10:00 3	monthly
LWFM_LW31	Love Worth Finding Wkend 30min	25:00	Love Worth Finding	00:30 3	sat
LWFM_LWT5	Treasures from the Word (LWF)	01:30	Love Worth Finding	02:30 3	mon-fri
LWOL_LWL5	Life Without Limbs (2:00)	02:00	Life Without Limbs	08:00 3	mon-fri
MBLD_MBR5_07pt	Marriage Builders Daily (55 min.)	21:00	Marriage Builders	20:05 1	mon-fri
MNNX_MN15	Mission Network News 1 minute Daily	01:00	Mission Network	20:20 1	mon-fri
MNNX_MN25	Mission Network News 2 minute Daily	02:00	Mission Network	20:20 1	mon-fri
MNNX_MNN5	Mission Network News 5 minute Daily	04:30	Mission Network	20:20 1	mon-fri
MNNX_SA11	Mission Network News Weekend Saturday 1 minute	01:00	Mission Network	14:30 1	sat
MNNX_SA21	Mission Network News Weekend Saturday 2 minute	02:00	Mission Network	14:30 1	sat
MNNX_SU11	Mission Network News Weekend Sunday 1 minute	01:00	Mission Network	14:30 2	sun
MNNX_SU21	Mission Network News Weekend Sunday 2 minute	02:00	Mission Network	14:30 2	sun
MNNX_MNP5	Mission Network News promo Daily	00:30	Mission Network	20:20 1	mon-fri
MODY_MCH1	Moody Chuch Hour (55:00)	54:30	Moody Church Media	18:00 6	sun
MODY_RWQ5	Running to Win (15:00)	14:29	Moody Church Media	18:00 5	mon-fri
MODY_RWH5	Running to Win (25:00)	25:00	Moody Church Media	18:00 5	mon-fri
MODY_SIN1	Songs in the Night (30:00)	29:30	Moody Church Media	18:00 6	sun
MOTB_TBK5	The Book - Daily (1:00)	01:00	Museum of the Bible	08:00 3	mon-fri
MPLM_FWC1	Faith Work and Culture Radio Show	24:00	Marketplace Leaders Ministries	00:25 2	sat
MPLM_TRM5	TGIF (Today God is First) Radio Minute	01:30	Marketplace Leaders Ministries	00:26 3	mon-fri
MSHX_MSH5	Mercy Minute Daily	01:00	Mercy Ships	18:30 5	mon-fri
NCCX_P951	Psalm 95 Weekly	55:00	National Christian Choir	06:00 5	sun
NCFA_TDF5	Today's Father (3:00)	03:00	National Center for Fathering	10:00 4	mon-fri
NTSD_NTS5	Nightsounds Daily (29:00)	29:00	Nightsounds Radio	06:00 3	mon-fri
NTSD_NSA1	Nightsounds Saturday (29:00)	29:00	Nightsounds Radio	06:00 3	sat
NTSD_NSU1	Nightsounds Sunday (29:00)	29:00	Nightsounds Radio	06:00 3	sun
ODBM_DTW5	Discover the Word (stereo)	14:30	Our Daily Bread	09:12 3	mon-fri
ODBM_DTW5	Discover the Word (stereo) CANADA	14:30	Our Daily Bread	09:16 3	mon-fri
ODBM_DTPW	Discover the Word Promo	00:30	Our Daily Bread	09:15 3	sun
ODBM_CBR1	La Clase Biblica Radial Sunday	14:30	Our Daily Bread	14:00 3	sun
ODBM_NPD7	Nuestro Pan Diario (ODB)	02:30	Our Daily Bread	14:05 3	7 days
ODBM_OD25	Our Daily Bread - 2 min (st)	02:00	Our Daily Bread	09:10 3	7 days
ODBM_TES5	Tesoros Escondidos	00:59	Our Daily Bread	14:10 3	mon-fri
ODBM_WLB1	Words to Live By (stereo) or Promo	29:30	Our Daily Bread	09:10 5	sat
ODBM_WLP1	Words to Live By (stereo) or Promo	00:30	Our Daily Bread	09:12 6	sat
PFMX_BPT5	BreakPoint Daily	03:55	Prison Fellowship	20:20 1	mon-fri
PFMX_BPT1	BreakPoint This Week	25:25	Prison Fellowship	14:00 1	sat
PFMX_BPP1	BreakPoint This Week Promo	00:30	Prison Fellowship	20:20 8	sat
PFMX_PNT5	The Point Daily	01:00	Prison Fellowship	20:20 1	mon-fri
PTOV_PTV5	Pathway to Victory	26:00	Pathway to Victory	06:00 3	mon-fri
PTOV_PVP1	Pathway to Victory	00:30	Pathway to Victory	06:00 3	mon
PTOV_PTV1	Pathway to Victory Weekend	26:00	Pathway to Victory	06:00 3	sat
PTTM_PTC5	Parenting Today's Teens Daily CCM (1:00)	01:00	Heartlight Ministries	06:00 3	mon-fri
PTTM_PT15	Parenting Today's Teens Daily INSP (1:00)	01:00	Heartlight Ministries	06:00 3	mon-fri
PTTM_PTT1	Parenting Today's Teens Weekly (25:00)	25:00	Heartlight Ministries	06:00 2	sat
PTTM_PTP1	Parenting Today's Teens Weekly PROMO	00:28	Heartlight Ministries	14:00 7	sat
PV31_PVB5	Proverbs 31 Daily	01:00	Proverbs 31	16:00 5	mon-fri
RBVD_RBY5	Reach Beyond (Daily - Formerly Beyond the Call)	01:00	Reach Beyond	18:30 5	mon-fri
RDMR_HAT1	Holding All Things Together (26:00)	26:00	Redeemer Broadcasting	12:00 1	sat

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RENEW_BPR5	Bible Principles Daily	02:00	Renewal Radio	20:00 4	mon-fri
RHMI_WWY5	A Word With You	04:30	Ron Hutchcraft Ministries	02:00 3	mon-fri
RMOX_GGO1	Gods Great Outdoors COMMERCIAL	25:00	God's Great Outdoors	03:00 5	sat
RMOX_GGO1	Gods Great Outdoors NON-COMMERCIAL	25:00	God's Great Outdoors	03:00 5	sat
RMOX_GGOP	Gods Great Outdoors Promo	00:30	God's Great Outdoors	03:00 5	sat
ROHX_ANC5	Aviva Nuestros Corazones (ROH)	28:00	Revive our Hearts	15:00 3	mon-fri
ROHX_ROH5	Revive Our Hearts Daily	24:55	Revive our Hearts	15:00 1	mon-fri
ROHX_ROP5	Revive Our Hearts Daily PROMO	00:30	Revive our Hearts	03:15 3	mon-fri
ROHX_RHPW	Revive Our Hearts Weekly Overview Promo	00:30	Revive our Hearts	03:15 3	mon
ROHX_SHM5	Seeking Him Daily	01:00	Revive our Hearts	18:30 5	mon-fri
ROWX_IBM5	Ignite with Barry Meguiar (1:00)	01:00	Revival Outside the Walls	12:40 5	mon-fri
RTSO_TFV5	Take 5 with Don Sweeting (Daily 5:00)	05:00	Reformed Theological Seminary	12:00 2	mon-fri
RYWX_RY15	Reaching Your World Daily (1 min.)	01:00	Luis Palau Association	18:30 1	mon-fri
RYWX_RYW5	Reaching Your World Daily (2 min.)	02:00	Luis Palau Association	18:30 1	mon-fri
RYWX_RYPW	Reaching Your World weekly PROMO	00:30	Luis Palau Association	18:30 2	mon
RZIM_JST5	Just Thinking Daily	13:30	Ravi Zacharias Ministries	21:00 3	mon-fri
RZIM_JST5	Just Thinking Daily CANADA	13:30	Ravi Zacharias Ministries	21:00 3	mon-fri
RZIM_JAT5	Just a Thought Daily (1:00)	01:00	Ravi Zacharias Ministries	21:00 5	mon-fri
RZIM_LPT1	Let My People Think Weekly	26:00	Ravi Zacharias Ministries	21:00 4	sat
RZIM_LPT1	Let My People Think Weekly CANADA	28:00	Ravi Zacharias Ministries	21:00 4	sat
RZIM_LPP1	Let My People Think Weekly Promo	00:30	Ravi Zacharias Ministries	21:00 7	sat
SAMM_FHC5	Family Health Checkup	01:00	Samaritan Ministries	21:00 4	mon-fri
SWRC_BN45	SWRC - Bible in the News (4:00)	04:00	Southwest Radio Church	21:00 2	mon-fri
SWRC_SWR5	SWRC - Watchman on the Wall (28:30)	28:30	Southwest Radio Church	21:00 3	mon-fri
TCCX_BPT5	BreakPoint Daily TCC	03:55	The Colson Center	20:20 1	mon-fri
TCCX_BPP1	BreakPoint This Week Promo TCC	00:30	The Colson Center	20:20 8	sat
TCCX_BPT1	BreakPoint This Week TCC	25:55	The Colson Center	14:00 1	sat
TCCX_PNT5	The Point Daily TCC	01:00	The Colson Center	20:20 1	mon-fri
TFLM_TFL5	Truth For Life Daily (25:00)	25:00	Truth For Life	07:00 3	mon-fri
TFLM_TFL5	Truth For Life Daily CANADA	25:00	Truth For Life	07:00 3	mon-fri
TFLM_TFP5	Truth For Life Daily PROMO	00:30	Truth For Life	07:00 3	mon-fri
TFLM_TFL1	Truth For Life Weekend (25:00)	25:00	Truth For Life	07:00 7	sat
TFLM_TFL1	Truth For Life Weekend CANADA	25:00	Truth For Life	07:00 7	sat
TFLM_TFPW	Truth For Life Weekend Overview PROMO	00:30	Truth For Life	07:00 3	mon
TFLM_TFP1	Truth For Life Weekend PROMO	00:30	Truth For Life	07:00 7	sat
TGPX_TGP5	The Garlow Perspective Daily	01:00	The Garlow Perspective	18:30 5	mon-fri
TGPX_TSPM	The Garlow Perspective Special PROMO	00:30	The Garlow Perspective	18:30 1	monthly
TIBD_TID5	Truth Itself with Bob Ditmer (2:00)	02:00	Truth Itself	18:59 1	mon-fri
TLRX_TLR5	The Light House Daily 1:00	01:00	Campus Crusade	18:30 4	mon-fri
TLRX_TL25	The Light House Daily 2:00	02:00	Campus Crusade	18:30 4	mon-fri
TRNP_TMD5	Momento Decisivo Daily	28:30	Turning Point	21:00 4	mon-fri
TRNP_RT65	Route 66	01:00	Turning Point	21:30 4	7 days
TRNP_RS65	Su Minuto en la Biblia (Spanish) 1:00	01:00	Turning Point	21:30 3	7 days
TRNP_TPT5	Turning Point Daily	26:00	Turning Point	21:00 4	mon-fri
TRNP_TPT5	Turning Point Daily BORDER	26:00	Turning Point	21:00 4	mon-fri
TRNP_TPT5	Turning Point Daily CANADA	26:00	Turning Point	21:00 4	mon-fri
TRNP_TPP5	Turning Point Daily PROMO	00:30	Turning Point	21:00 4	mon-fri
TRNP_TPP5	Turning Point Daily PROMO BORDER	00:30	Turning Point	21:00 4	mon-fri
TRNP_TPP5	Turning Point Daily PROMO CANADA	00:30	Turning Point	21:00 4	mon-fri
TRNP_TPT1	Turning Point Weekly	28:30	Turning Point	21:00 6	sat
TRNP_TPP1	Turning Point Weekly PROMO	00:30	Turning Point	21:00 8	sat

Amb-OS Desig	Program Name	Runtime	Ministry	Queued	Air days
TSCH_ITP5	It's Time to Pray (1:00)	01:00	Times Square Church	16:00 3	mon-fri
TSCH_XRMS	Times Square Church Christmas Special	26:00	Times Square Church	17:00 0	irregular
TSCH_XRMP	Times Square Church Christmas Special	00:30	Times Square Church	17:00 0	irregular
TSCH_WBDS	Times Square Church New Year's Special	26:00	Times Square Church	17:00 0	irregular
TSCH_WBPS	Times Square Church New Year's Special	00:30	Times Square Church	17:00 0	irregular
TTBM_TTB5	Thru The Bible Daily	26:00	Thru the Bible	00:40 3	mon-fri
TTBM_TQA1	Thru The Bible Q&A	26:30	Thru the Bible	00:43 3	sat
TTBM_SUN1	Thru The Bible Sunday	44:45	Thru the Bible	00:44 3	sun
TTPX_TTP5	The Truth Pulpit	26:00	The Truth Pulpit	22:40 4	mon-fri
TTPX_TTPP	The Truth Pulpit Weekly Promo	00:30	The Truth Pulpit	22:40 4	mon
TUA_TUA5	The Alternative Daily	25:00	The Urban Alternative	01:32 3	mon-fri
TUA_TUA1	The Alternative Weekend	29:30	The Urban Alternative	15:00 2	sat
TUA_TUPW	The Alternative Weekly promo	00:30	The Urban Alternative	01:30 3	mon
TUA_TUV5	Two Minutes with Tony	02:00	The Urban Alternative	01:31 3	mon-fri
TWRM_FTS5	Footsteps Daily (2:00)	02:00	TWR	18:17 3	mon-fri
TWRM_GET5	Get Hope Daily (1:00)	01:00	TWR	18:18 3	mon-fri
TWRM_WAY1	What Are You Waiting For (Weekly :30)	00:30	TWR	18:19 3	mon
UNSH_DES1	Desencadenados Sunday	30:00	Unshackled	16:00 3	sun
UNSH_FRE5	Free Indeed Daily	02:00	Unshackled	18:30 5	mon-fri
UNSH_UN5	Unshackled Daily	29:45	Unshackled	18:30 5	mon-fri
UNSH_UNP5	Unshackled Daily PROMO	00:24	Unshackled	08:00 5	mon-fri
UNSH_UN51	Unshackled Sunday	30:00	Unshackled	16:00 4	sun
UNSH_UNP1	Unshackled Sunday PROMO	00:30	Unshackled	16:00 7	sun
UPWX_UPW5	Upwords Daily	01:00	Upwords	12:30 5	mon-fri
UTBM_TKY5	Today's Key (1:00)	01:00	Unlocking the Bible	09:00 4	7 days
UTBM_UTB5	Unlocking the Bible Daily (25:00)	25:00	Unlocking the Bible	09:00 4	mon-fri
UTBM_UTP5	Unlocking the Bible PROMO (:30)	00:30	Unlocking the Bible	09:00 4	mon-fri
UTBM_UTB1	Unlocking the Bible Weekend	25:00	Unlocking the Bible	09:02 3	sun
WAWX_WWD1	Word and the World	14:30	Word and the World	18:30 3	sun
WAWX_WWP1	Word and the World PROMO	00:15	Word and the World	18:00 3	sun
WITW_LSN5	Listen Up! (1:00 Daily)	01:00	Walk in the Word	09:30 3	mon-fri
WITW_WIW5	Walk in the Word - 1 Part	26:00	Walk in the Word	09:30 3	mon-fri
WITW_WIW5	Walk in the Word - Canadian/Border - 1 Part	26:00	Walk in the Word	09:30 3	mon-fri
WITW_WIW1	Walk in the Word - Weekly	26:00	Walk in the Word	04:30 5	sat
WITW_WIW1	Walk in the Word - Weekly BORDER	26:00	Walk in the Word	04:30 5	sat
WITW_WIPW	Walk in the Word Weekly Promo	00:30	Walk in the Word	23:21 4	mon
WORZ_TST1	The Storyteller (14:30)	14:30	Without Reservation	21:00 6	sat
WSCX_FPNP	First Person Promo	00:30	Wayne Shepherd Com	21:00 7	sat
WSCX_FPN1	First Person with Wayne Shepherd Weekly	24:00	Wayne Shepherd Com	21:00 5	sat
WTIX_WTD5	Women Today Daily	01:00	Campus Crusade	18:30 4	mon-fri
WVWM_DNK1	Do Not Keep Silent Weekly (27:00)	27:00	Worldview Warriors	03:50 4	sat
WVWM_FST5	Worldview Warriors Fastcast (1:00)	01:00	Worldview Warriors	03:45 3	mon-fri

Amb-OS Live Programs

Program	Day(s)	Time (eastern)	Channel
Basic Gospel Live	Mon-Fri	4:00:02 - 4:25:02 pm	TMAP2
End of the Age	Mon-Fri	4:00 - 5:00 pm	TMAP1
Financial Issues Daily with Dan Celia	Mon-Fri	9:05 - 10:59:30 am	TMAP1
Financial Issues Weekend with Dan Celia	Saturday	11:05 - 11:59:30 am	TMAP1
NewLife Live	Mon-Fri	1:00 - 1:55 pm	TMAP1
Stand in the Gap	Mon-Fri	12:05:00 - 1:00:00 pm	TMAP1
The Hope Line	Saturday	9:00 pm - 12:00 m	TMAP1
Washington Watch Live	Mon-Fri	5:04:30 - 5:59:30 pm	TMAP2

The most current live program list can be found at <http://www.focussat.net/ambos/live.html>.

TMAP1 defaults to port 1 stereo

TMAP2 defaults to port 2 stereo

These can be changed by using the TMAPx command on the receiver's command web page. For more details see the Amb-OS [AMR-100](#) Manual available at <http://www.amb-os.com/support.html>.

Amb-OS Spanish Programs

Amb-OS Desig	Program Name	Runtime	Ministry	Queued	Air days
BTTB_LBD5	La Biblia Dice (BTTB) Daily	14:30	Back to the Bible	07:00 3	mon-fri
BTTB_LBD1	La Biblia Dice (BTTB) Weekend	14:30	Back to the Bible	07:00 3	sat
FAMX_VFH5	Vida en Familia Hoy (FAM Spanish)	14:30	Family Life Today	12:00 3	mon-fri
FOTF_AEO1_03pt	Aventuras en Odesia (Odyssey Spanish)	25:30	Focus on the Family	00:15 4	sat
FOTF_AOP1	Aventuras en Odesia promo (Odyssey Spanish)	00:13	Focus on the Family	00:14 4	sat
FOTF_PISW	Conectados (Plugged in Spanish)	01:00	Focus on the Family	18:58 1	fri
FOTF_ECM5	Enfoque 90-sec comentario	01:30	Focus on the Family	06:33 3	mon-fri
FOTF_EAF5	Enfoque a la Familia	14:30	Focus on the Family	16:30 3	mon-fri
IFLM_VPV5	Vision Para Vivir Daily NC	27:30	Insight for Living	12:30 3	mon-fri
IFLM_VPV1	Vision Para Vivir Weekend	27:30	Insight for Living	13:00 5	sat
IFLM_VIV5	Vivencias Daily Short Feature	01:00	Insight for Living	12:30 3	mon-fri
ITM_ITS5	En Contacto (In Touch) Daily	24:30	In Touch	00:45 3	mon-fri
ITM_SOM5	Solo un Minuto (Spanish)	01:00	In Touch	13:00 5	mon-fri
LWFM_LWS5	El Amor Que Vale (LWF) Daily	25:00	Love Worth Finding	07:00 3	mon-fri
LWFM_LWS1	El Amor Que Vale (LWF) Weekend	25:00	Love Worth Finding	07:05 3	sat
ODBM_CBR1	La Clase Biblica Radial Sunday	14:30	Our Daily Bread	14:00 3	sun
ODBM_NPD7	Nuestro Pan Diario (ODB)	02:30	Our Daily Bread	14:05 3	7 days
ODBM_TES5	Tesoros Escondidos	00:59	Our Daily Bread	14:10 3	mon-fri
ROHX_ANC5	Aviva Nuestros Corazones (ROH)	28:00	Revive our Hearts	15:00 3	mon-fri
TRNP_TMD5	Momento Decisivo Daily	28:30	Turning Point	21:00 4	mon-fri
TRNP_RS65	Su Minuto en la Biblia (Spanish) 1:00	01:00	Turning Point	21:30 3	7 days
UNSH_DES1	Desencadenados Sunday	30:00	Unshackled	16:00 3	sun

The latest Spanish program list can be found at <http://www.focussat.net/ambos/spanish.html>.

Install Early Amb-OS User Interface versions

Downloading an earlier version of the Amb-OS User Interface

Only version before [18u2](#) available to download is 17a (bottom of the list). After clicking on the link for 17a, a dialog box opens asking to open (with Internet Explorer®) or save the file. Select “Save File” and, if the browser is set to prompt for a location, the save location dialog box opens. Otherwise, the file will be saved to the default download location.

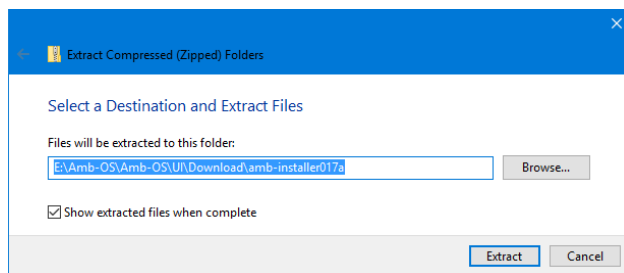
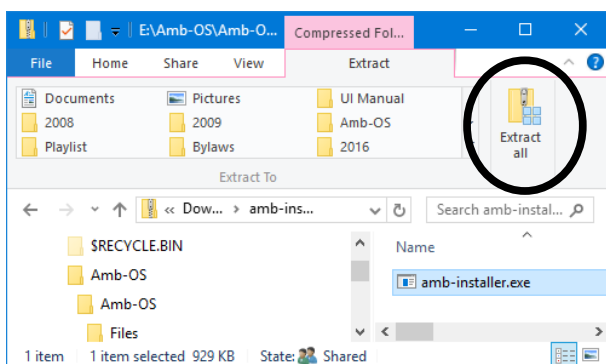
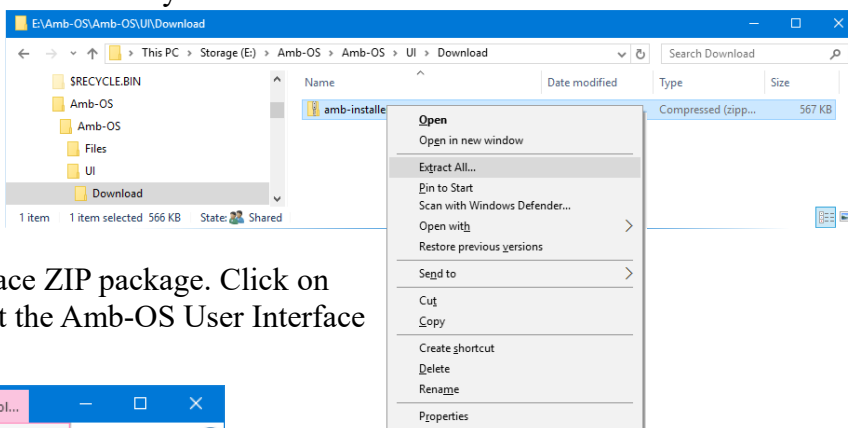
rev 017a 1/27/12	new help file with screenshots
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[Complete change log](#)

Extracting the Amb-OS User Interface File

Extracting the installation file can be done two ways.

1. Right click on the Amb-OS User Interface ZIP file and select “Extract All...” to extract the Amb-OS User Interface.
2. Double click on the file to open the Amb-OS User Interface ZIP package. Click on the “Extract all” box to extract the Amb-OS User Interface program.



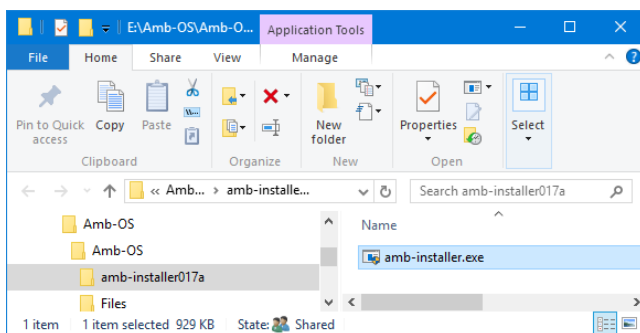
The extraction dialog box opens in order to select the destination of the Amb-OS User Interface installation program. The extraction dialog box allows the folder location to be changed. It defaults to a directory with the same name as the Amb-OS User Interface ZIP file in the same directory where the ZIP file is.

By leaving the Show extracted files when complete checked, a new Windows Explorer® window will open with the uncompressed Amb-OS User Interface installation file. Double-click on amb-installer to install the Amb-OS User Interface.

Program Installation

Using Windows Explorer®, open the location of the Amb-OS User Interface executable installation program. Double click on the file to begin the installation process.

Versions [018u](#) and earlier will have a generic name (amb-installer.exe) and versions [018u2](#) and has the version number in the name (amb-ui-018u2.exe). On [Windows® versions 8](#) and above, an [error](#) may appear asking about protecting the computer. [Click on “More info” and then “Run away”](#) to install the program.



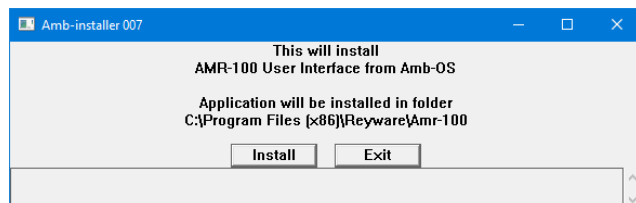
Amb-installer

The install programs brings up the installation window.

Install: installs the program

Exit: terminates the installation process

During the installation process, the window displays the progress of the installation. The install button changes to “Done” and it grays out indicating the installation has completed. Press “Exit” to complete the installation.

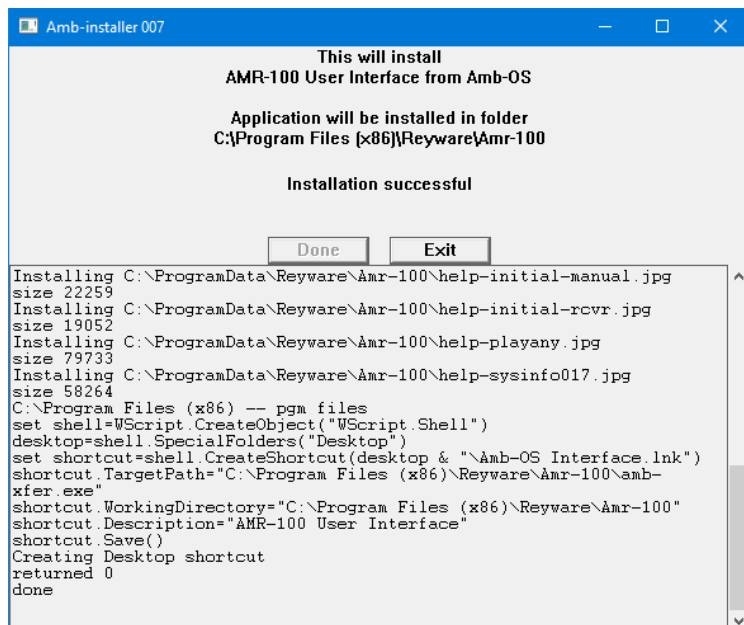


WARNING

Clicking on Exit before clicking on Install aborts the Amb-OS User Interface installation. The Amb-OS User Interface will not be installed and that will prevent [transferring](#) audio programs from the [AMR-100](#) receiver and creating [playlists](#).

WARNING

Wait until Done appears at the bottom of the window before pressing Exit to finish the installation.



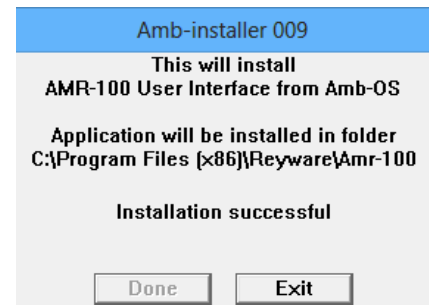
After the Amb-OS User Interface installs, some versions of Microsoft Windows® may give open a window with the following **warning**: “[This program might not have installed correctly.](#)” If so, simply click on “[This program installed correctly.](#)”

Click on “Exit” to terminate the Amb-installer program.



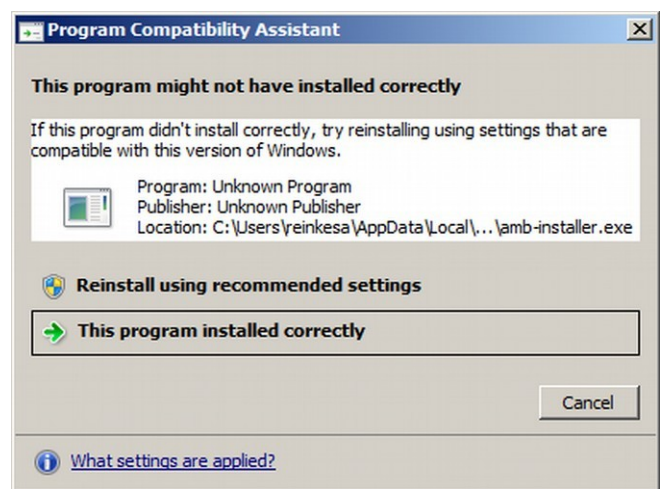
As part of the installation process, the Amb-OS User Interface puts a shortcut icon the desktop after successfully installing.

Double click on the icon to start the Amb-OS User Interface.



Windows® version 7 or earlier with Amb-Installer (Version 018u1 and earlier)

When starting the Amb-OS User Interface installation program, a Security Warning window may open. Click on Run to install the program.



Some versions of Microsoft Windows® using the [amb-installer](#) may open the following **warning** dialog box after the Amb-OS User Interface installs: “This program might not have installed correctly.”

If so, simply click on “This program installed correctly” to complete the installation.

Manually Uninstall Revision 018u1 and earlier

To manually uninstall the Amb-OS User Interface, delete the “*Reyware*” directory in the “*Program Files*” or “*Program Files (x86)*” directory on the C: or boot drive and the “*Reyware*” directory in the “*ProgramData*” directory in the “*Program Files*” or “*Program Files (x86)*” directory.

1. Open *Windows Explorer*[®] and select the C: drive. It may display a message that these files are hidden. Click on the option to show the files.
2. Double click on the “*Program Files*” directory in a 32 bit operating system or “*Program Files (x86)*” with a 64 bit operating system.
3. Scroll down until you see “*Reyware*,” right click on that directory and select “*Delete*” and confirm the deletion of the directory.
4. Under the “*Program Files*” or “*Program Files (x86)*,” scroll down to the “*ProgramData*” directory and open it. Delete the “*Reyware*” directory. Right click on that directory and select “*Delete*” and confirm the deletion of the directory.
5. Right click on the desktop icon and click on “*Delete*” to remove the icon.

NOTE

All versions of the Amb-OS User Interface can be uninstalled by using the latest install version ([Version 004](#)) without installing the newest version.