

INSTALLATION

RF

The following are provided to connect the AMR-100 to your satellite antenna.

- 1 – RF Splitter
- 1 – DC Block
- 2 – RG-6 cables

The AMR-100 uses the same satellite and transponder as your existing Wegener Unity 4000® receiver(s). If your station has only one Wegener receiver connected to your satellite antenna, the supplied splitter and cables can be used to connect RF to both receivers.

To connect your AMR-100 to RF if you have more than one Wegener receiver connected to your satellite antenna or if you are powering your antenna's LNB from an outboard power supply, refer to the instructions in "**RF with multiple receivers**" below. If the DC power to drive your antenna's LNB comes from your Wegener Unity 4000®, you can continue to have it supply power, but you need to install the supplied 2 port splitter following instructions below.

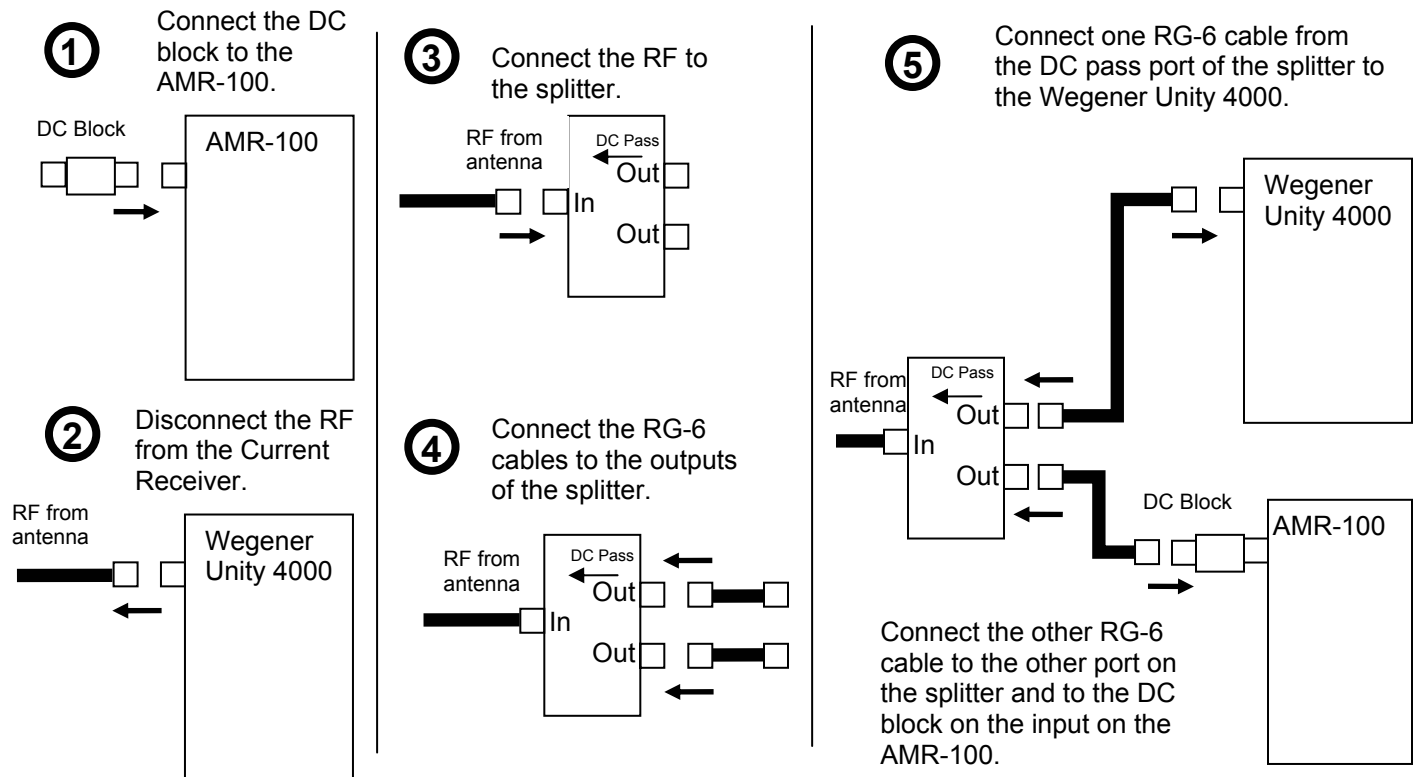
WARNING

Do not short the center lead of the RF cable to the shield or you may damage the receiver.

RF WITH 1 WEGENER UNITY 4000® RECEIVER

1. Install the provided DC Block on the AMR-100 receiver's RF connector.
2. Disconnect the RF antenna cable from the Wegener Unity 4000® receiver.
3. Attach the input side (marked IN) of the splitter to the antenna cable that was disconnected from the Wegener Unity 4000® receiver.
4. Connect one of the supplied RG-6 cables to the power-pass output port of the splitter (marked OUT and has a diagonal line pointing to the input); connect the other provided RG-6 cable to the remaining output marked OUT) of the splitter
5. Connect the RG-6 cable connected to the DC pass output of the splitter to the input of the Wegener Unity 4000® receiver, being careful not to short the center conductor of the cable to the shield. Then connect the other RG-6 cable to the DC Block (previously installed on the RF connector of the AMR-100 receiver).

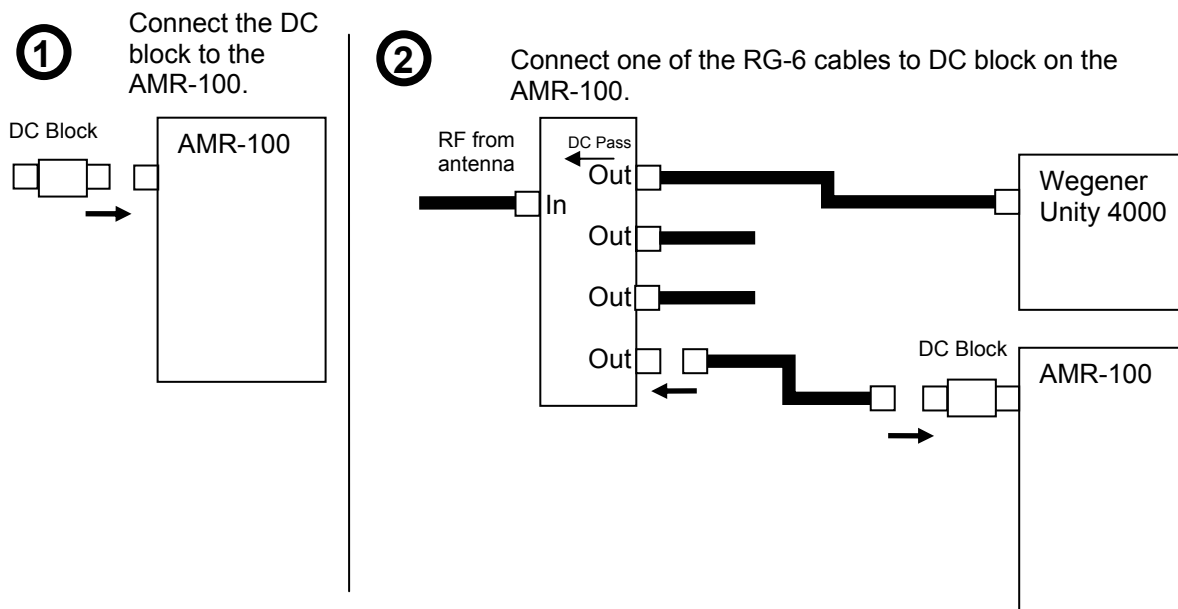
If you want the AMR-100 to provide power to the LNB, merely install the DC Block on the Wegener receiver and swap the RG-6 cables coming from the splitter. Remember that in order for a receiver to power the LNB through the supplied splitter it must be connected to the power pass port (see #3 above). It does not matter which one supplies power, but **the unit that does not supply DC power needs to have the DC Block installed.**



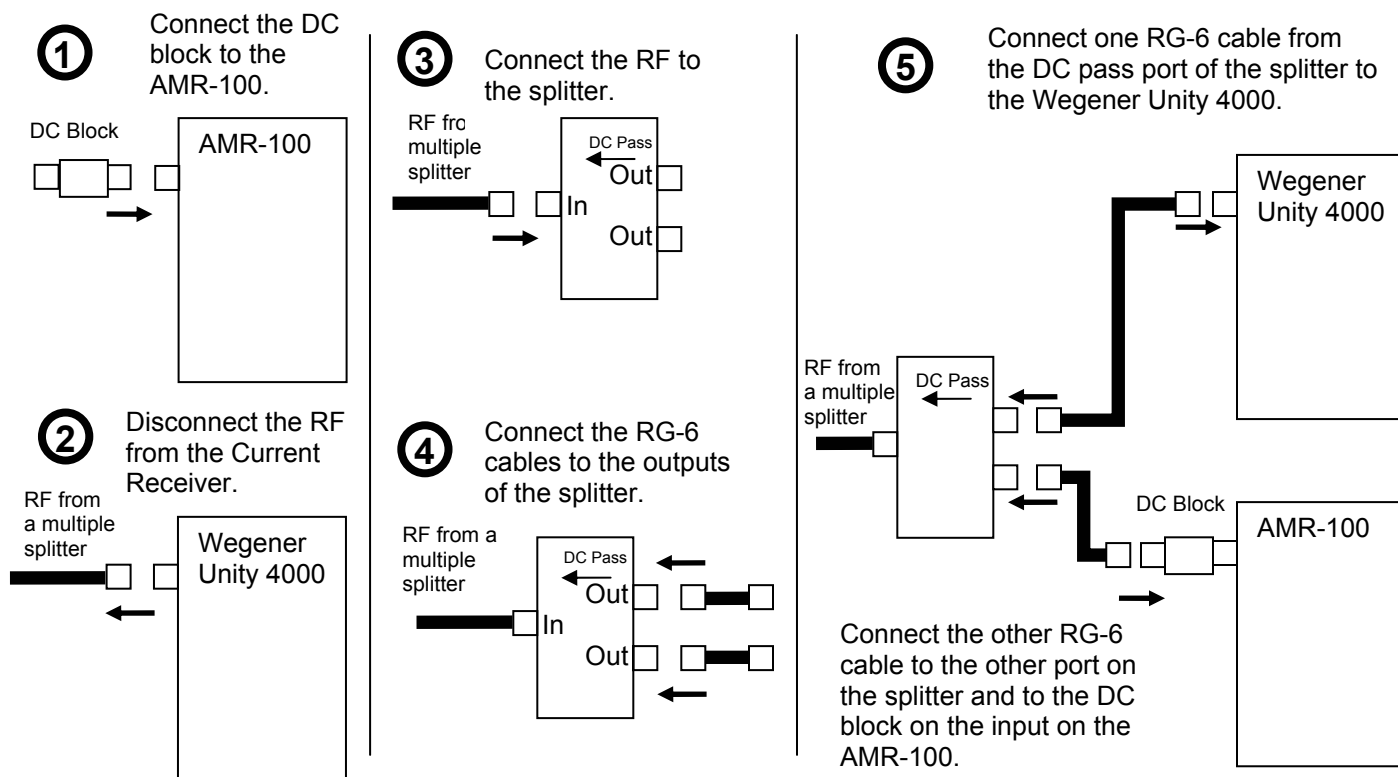
RF WITH MULTIPLE RECEIVERS

If you have more than one Wegener receiver connected to your satellite antenna and have an open position on an existing multiple port splitter, install the AMR-100 per the following instructions:

1. Install the provided DC Block on the AMR-100 receiver's RF connector.
2. Connect one of the provided RG-6 cables between the AMR-100 RF connector (with DC Block installed) and an open port of your multiple port splitter.



If you have more than one Wegener receiver connected to your satellite antenna but have no available splitter ports you may either (1), attach the DC Block to the AMR-100 receiver and then install a splitter with more unused ports (not provided) or (2), pick a Wegener Unity 4000® receiver to which you'd like to attach the provided 2 port splitter. Case (1) is the preferred method, but if you have a unique situation or if you must install using case (2), please call a technician at AMB-OS technical support for a consultation (877-AmbOS2U or 877-262-6728).



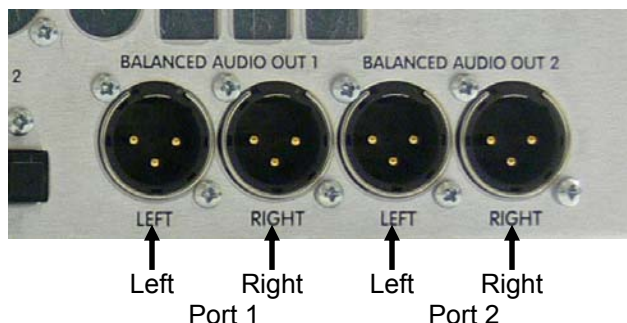
WARNING

If you have only one Wegener Unity 4000® receiver and it supplies the DC power to the LNB, the newly-added AMR-100 must have the DC Block installed on it!

AUDIO

ANALOG

The analog audio connectors are standard XLR connectors. Remember, there are two stereo ports or targets on the receiver. The output of these will be discussed in detail later, but each of the two ports can be played in stereo (2 stereo ports), all mono (4 mono ports) or mixed (1 port stereo and the other 2 mono channels).



IP ADDRESS CHANGE

1. Press [ENTER] and you will see a menu bar with “Setup” highlighted.
2. Press [ENTER] then press [DOWN] until “IP Addr: DHCP” is highlighted; then press [ENTER].
3. Press [DOWN] until “DHCP” is highlighted; then press [ENTER] to select “NO” as the option. “NO” and “YES” are the only two options
4. Press [BACK] to save that setting.
5. If “IP Addr: xxx.xxx.xxx.xxx” is not highlighted, press [DOWN] until you have highlighted the IP Address selection; then press [enter].
6. Press [DOWN] until “IP Addr:” is highlighted; then press [ENTER].
7. Press [UP] or [DOWN] until you get the first digit correct and press [ENTER]. That will take you to the next digit. Repeat this step until you have the desired IP address. You may press [BACK] to return to a previous value that was entered incorrectly. The last digit’s [ENTER] command will exit the address-setting dialog.
8. Press [DOWN] to highlight “Gateway”.
9. Using the method as described in #7 above, enter the gateway IP address.
10. Press [DOWN] to highlight “Netmask”. If the default (255.255.255.0) is correct for your local network, press [BACK] to save any previous changes or wait approximately 15 seconds for any changes to be saved automatically. If the default values are not correct for your local network repeat the method as described in #7 above until the Netmask is correct. After selecting the last digit, pressing [ENTER] will exit the Netmask-setting dialog and once again highlight “Netmask”. Now you may manually press [BACK] to save any changes made or wait approximately 15 seconds for the changes to be saved automatically. The remaining IP menu items (“Server1” and all after) do not need to be changed at this time.

SETUP	DATE
Firmware: 1.34	
Serial No: 2001000	
IP Addr: DHCP	
Receiver Utilities	

IP Addr: NO

IP Addr: 192.168.001.100

Gateway: 192.168.001.001

Netmask: 255.255.255.000