

SF-95 SATELLITE FINDER OPERATING INSTRUCTIONS

WIRING AND OPERATION – NON-SWM SYSTEM

1. Connect a jumper cable from the LNB to the “TO LNB” connection on the satellite finder.
2. Connect the cable from the satellite receiver to the “TO REC” input of the satellite finder.
3. Turn the receiver ON to supply power to the finder and LNB. The meter should light up at this time.
4. Cover the LNB of the dish with aluminum foil to prevent it from sending a signal to the meter.
5. Adjust the dB gain knob of the meter until the needle is mid-scale (about 5).
6. Remove the foil and observe the finder's needle. If it doesn't move higher, it means you are not on a satellite and will need to adjust the dish, left, right, up, or down to get a signal.
7. If the needle does move higher after removing the foil it indicates you are getting a signal from the satellite. Check the TV screen, with the receiver in the set-up mode, to insure you are on the correct satellite, then return to the dish and adjust as necessary for maximum signal.
8. If the needle maxes out to the end of the scale you may lower the dB gain a bit to bring it back into range to continue adjusting.

WIRING AND OPERATION – DIRECTV SWM SYSTEM

When using this meter with a DirecTV SWM system you **MUST** use a SWM splitter and a separate 13-18 volt power supply for the meter. ***It cannot be wired as detailed above or it will not work.*** Follow the instructions below for using this meter with a SWM system

1. Connect a jumper cable from the LNB to the “TO SWM” connection on the SWM splitter.
2. Connect the cable from the “TO SWM” port of the PI-21 power inserter to the other power bypass connection of the SWM splitter.
3. Connect a jumper cable from any remaining port of the splitter to the “TO LNB” port of the satellite finder.
4. Connect a 13-18 volt dc power supply to the “TO REC” port of the satellite finder. The meter will light up at this time.
5. Cover the LNB with aluminum foil to prevent a satellite signal from reaching the meter.
6. Adjust the dB gain knob of the meter until the needle is mid-scale (about 5).
7. Remove the foil and observe the needle. If the needle doesn't move higher or lower it indicates you are not on a satellite and will need to adjust the dish left, right, up or down as necessary to get a signal.
8. Depending on your particular SWM system, the needle of the meter will move either **higher or lower** when indicating a signal. If the needle moves in either direction check the TV with the receiver set to signal meter mode and insure you are on the correct satellite.
9. Continue adjusting the dish as necessary for maximum signal strength. Adjust the dB gain knob if the needle maxes out in either direction.