



## Multicom MUL-ASF-100 Satellite Finder User's Guide v1a



### CONNECTIONS AND OPERATION:

1. Connect a coaxial cable from the LNB to the **MUL-ASF-100 Satellite Finder's "TO LNB"** port
2. Connect the **MUL-ASF-100 Satellite Finder's "TO REC"** port with coaxial cable to the satellite receiver which will supply 13-18VDC power.
3. Turn on the satellite receiver. If everything is functioning correctly there will be a backlight on the scale and the reading should be approximately 1.
4. Perform an approximate/coarse satellite dish and LNB alignment by setting the Azimuth and Inclination.
5. Set the reading around 5 by adjusting the **MUL-ASF-100 Satellite Finder's** level control on front.
6. Adjust satellite dish position, LNB/feed horn position, and polarization to achieve the highest reading on the finder. If the reading gets to full-scale, lower the reading by turning the level control counterclockwise, and then continue adjusting satellite dish and LNB until the maximum possible reading is achieved. Note that the **MUL-ASF-100 Satellite Finder** includes an audio tone feature that will increase as the gain/strength increases with better adjustments.
7. Remove the coaxial cable and **MUL-ASF-100 Satellite Finder**. Complete connecting of the satellite receiver to the LNB.

### IMPORTANT NOTES:

1. When using the **MUL-ASF-100 Satellite Finder** to install a C-band dish you must not place the **MUL-ASF-100 Satellite Finder** in front of the dish to avoid having a constant, full-scale reading.
2. When using a high gain LNB with gain that is higher than 60dB, insert a 5dB attenuator between the LNB and the **MUL-ASF-100 Satellite Finder** or use a 20ft RG-59U coaxial cable.

### SPECIFICATIONS:

Frequency Range:	.95GHz – 2.3GHz
Input Level Max:	-10dBm
Input Level Min:	-40dBm
Power Supply:	13-18V DC
LNB Gain:	52-60dB

### OPERATING NOTES:

\*: Under the following test condition: LNB gain=55dB, carrier C/N=15dB .

\*\* : Insert a 5dB attenuator when operating with LNB gain=60-65dB.

Note: all specifications are subject to change without notice.