

# DIGITAL SATELLITE FINDER



## DSFM Digital Satfinder User Manual

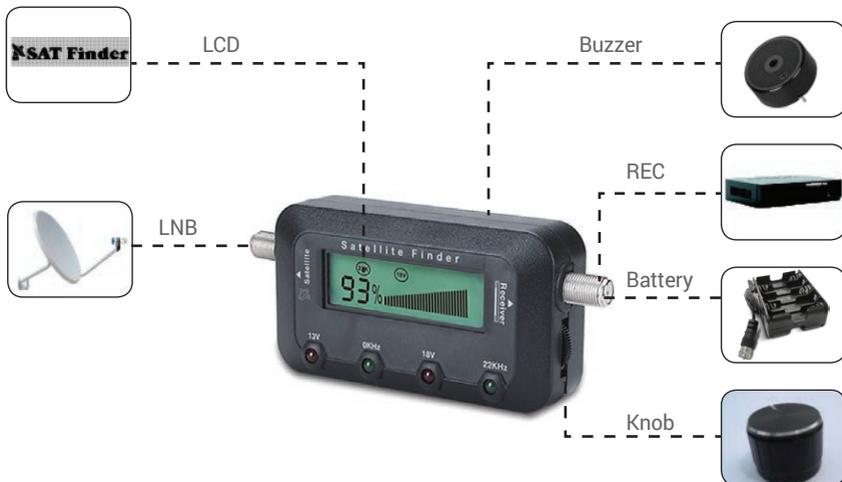


# DSFM Digital Satfinder

## User Manual

### WIRING AND OPERATION:

1. Connect a coaxial flylead from the LNB/LNBF to the "Satellite" connection on the Satellite Finder.
2. Connect the coaxial cable from your satellite receiver to the "Receiver" input on the satellite Finder.
3. Turn on the satellite receiver. Adjust the knob until the signal strength display around 0% (the critical point).
4. Set your dish to the correct azimuth and elevation settings.
5. Peak the signal on the Satellite Finder by slowly moving the azimuth and elevation of the dish. When the signal strength reading on the Satellite Finder reaches full scale, adjust the control knob on the Satellite Finder to reduce the incoming signal to a lower level. Continue to slowly move the dish until the optimal signal level is reached.
6. Remove the coaxial flylead and Satellite Finder and reconnect the LNB/LNBF to your receiver.



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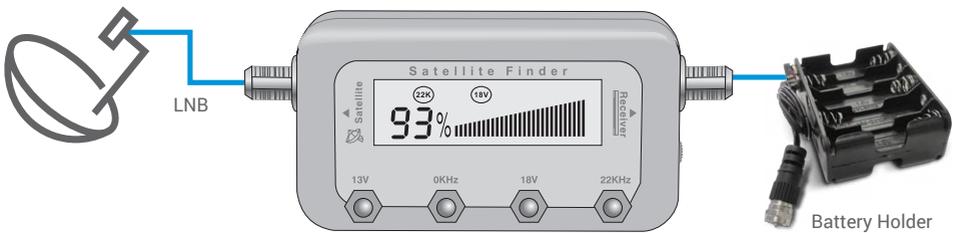
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### IMPORTANT NOTES:

- To avoid a continuous full scale reading, do not use the Satellite Finder directly in front of the dish.
- When using a LNB with gain higher than 60dB inserts a 5dB attenuator between the LNB/LNBF and the Satellite Finder.

The Satellite Finder has optional 4LED on the front panel indicating:

- A) LED marked with 22KHz: The receiver is sending a 22KHz signal, used to switch some LNB to the high band frequency.
- B) LED marked with 0Hz: The receiver does not send the 22KHz signal.
- C) LED marked with 13V: Indicating the satellite receiver is switching 13V power to switch the LNB's vertical polarization.
- D) LED marked with 18V: Indicating the satellite receiver is switching 18V power to switch the LNB's horizontal polarization.



## SPECIFICATIONS

Frequency Range:	950MHz ~ 2150MHz
Input level range:	-40dBm ~ -10dBm
Input impedance:	75Ω
Supply Voltage	13-18V DC
Operating temperature:	0°C ~ +40°C



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