

Satellite Signal Meters

Model 1004IFD

Standard model

Model 1007IFD

W/22KHz Tone Switching Deluxe model with 13/18V battery pack and charger

Model 1008IFD Dual Satellite

W/22KHz Tone Switching Deluxe model with 13/18V battery pack and charger



The 1004IFD, 1007IFD and 1008IFD are intended to aid in the alignment of a satellite dish. They include satellite IF (950-2150 MHz) amplification and a broadband detector. The detector drives a meter and a variable frequency audio tone. The dish is then aligned for a maximum meter deflection or highest pitch tone. A gain control allows a wide range of input signal levels.

The units are connected to the LNB via a short coaxial cable. The 1004IFD output must be connected to the satellite receiver in order to supply power. The units operate from 11-24 VDC on the coaxial cable. Connection to the receiver is optional with the 1007IFD and 1008IFD but extends battery life between charges.

All models allow measurement of voltage on the coaxial cable. The 1007IFD and 1008IFD will also measure LNB current. The 1007IFD and 1008IFD includes an internal rechargeable nicad battery pack, carrying strap and a wall plug recharging unit.

The internal battery pack allows a dish to be aligned before it is connected to the satellite receiver. The battery pack is switchable between 13V and 18V output, allowing either polarization to be selected when used with a voltage switched LNB. In US DBS applications, LHCP is selected when the LNB voltage is nominally 17V. The 1007IFD and 1008IFD now includes a 22KHz tone switching signal to facilitate multi-satellite installation and alignment.

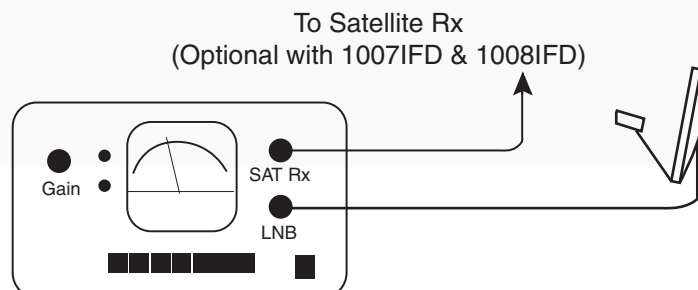
The 1008IFD includes two meters in one housing allowing easy alignment of dual satellite single dish installations. When peaking, the dish signal level can be viewed for both LNB's simultaneously, making alignment quick and easy. Carrying case included.

Certain commonly used spare parts are also available.

All Models

Frequency Range: 950-2150 MHz, **Impedance:** 75 ohm, **Connectors:** Type F female

		1004IFD	1007IFD	1008IFD
Audio Tone		Yes	Yes	Yes
LNB Voltage Measurement		Yes	Yes	Yes
LNB Current Measurement		No	Yes	Yes
22KHz Tone Switching		N/A	Yes	Yes
Insertion Loss (dB)		4.5	4.5	4.5
Input Level range (dBm)	1 Channel	-30 to +4	-30 to +4	-30 to +4
	8 channels	-39 to -5	-39 to -5	-39 to -5
	16 channels	-42 to -8	-42 to -8	-42 to -8
Dimensions (h x w x d)		3.6" x 5.8" x 2.8" (92 x 147 x 72mm)	3.5" x 6" x 4.5" (89 x 152 x 114mm)	4.9" x 7" x 3.8" (124 x 177 x 96mm)
Weight		17 oz. (482g)	37 oz. (1040g)	42 oz. (1176g)
Wall Plug Charging Voltage (VDC)		N/A	24	24
Battery Capacity (mA hours) N/A		600	600	-
Battery Life (hours between charges)		N/A	3.0	1.5



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www.multicominc.com * 800-423-2594