

TR-2

Installer's Signal Level Meter

- Lightweight
- Simple to Use
- Extended Battery Life
- Cost-Effective



Overview

The XFTP TR-2™ is an economical solution ideal for your basic HFC installation needs.

This simple to use meter provides fast and efficient measurements including; signal level measurement, tilt measurement to balance your system, carrier to-noise measurements, a voltmeter function, and it features an extended battery life.

Weighing less than one pound, this simple to use, rugged meter has a durable plastic case and is convenient for one-hand operation.

The TR-2 is ready to use with the standard NCTA channel plan and includes a carrying strap, charger, user's manual, a spare F-type connector, and a one year warranty.

MEASUREMENTS

Single channel mode displays the video level of the selected channel in the channel plan and also displays the frequency and $\Delta V/A$.

Single frequency mode displays the frequency and level of the audio carrier for the selected channel. Audio is automatically enabled in this mode. The TR-2 can be manually tuned to any frequency (46 to 864 MHz) in steps of 50 kHz, 100 kHz, 1 MHz, 10 MHz, or 100 MHz.

Voltmeter mode displays the battery voltage and trunk voltage (AC or DC).

Dual channel mode displays the video levels of any two selected channels in the plan. At the push of a button, the meter displays tilt between those two channels.

Tilt mode displays the video level of the first channel in the dual channel mode and the level difference (tilt) between two channels.

C/N measurement displays video level and performs carrier-to-noise measurement on the selected channel for levels greater than 25 dBmV.

Specifications

Frequency Range	Range: 46 to 864 MHz Resolution: 50 KHz
Level Measurement	Range: -30 to +60 dBmV Accuracy: ± 2.0 dB @ $20^{\circ}\text{C} \pm 5^{\circ}$ (@ $68^{\circ}\text{F} \pm 9^{\circ}$) Resolution: 0.5 dB
Carrier-to-Noise Ratio	Range: 20 to 50 dB Input signal range: ≥ 25 dBmV Measure accuracy: ± 2.5 dB @ $20^{\circ}\text{C} \pm 5^{\circ}$ (@ $68^{\circ}\text{F} \pm 9^{\circ}$) Resolution: 0.5 dB
Voltage	Input range: 1 to 100 V (AC/DC) Accuracy: ± 2.0 V Resolution: 1.0 V
Power	3.6 V / 2.1 Ah rechargeable NiMH battery 6+ hours working time (without audio and LCD backlight) 10 to 12 hour charge time
Operational Temperature	-10° to $+40^{\circ}\text{C}$ (14° to 104°F)
Display	Backlit LCD
Audio	Built-in speaker (speaker is automatically powered on when meter is in single frequency mode)
Weight	0.85 lb (386 g)
Dimensions	6.65" x 2.80" x 1.61" (169mm x 71mm x 41mm)

INCLUDES THE FOLLOWING:

- Shoulder strap
- AC battery charger
- Nickel-metal hydride battery
- Spare F-type connector
- User's manual

ACCESSORIES:

- Carrying case with belt clip
P/N 2131196000
- I/O-15 precision RF coaxial test cable
P/N 2071527048