

XR-CA-02

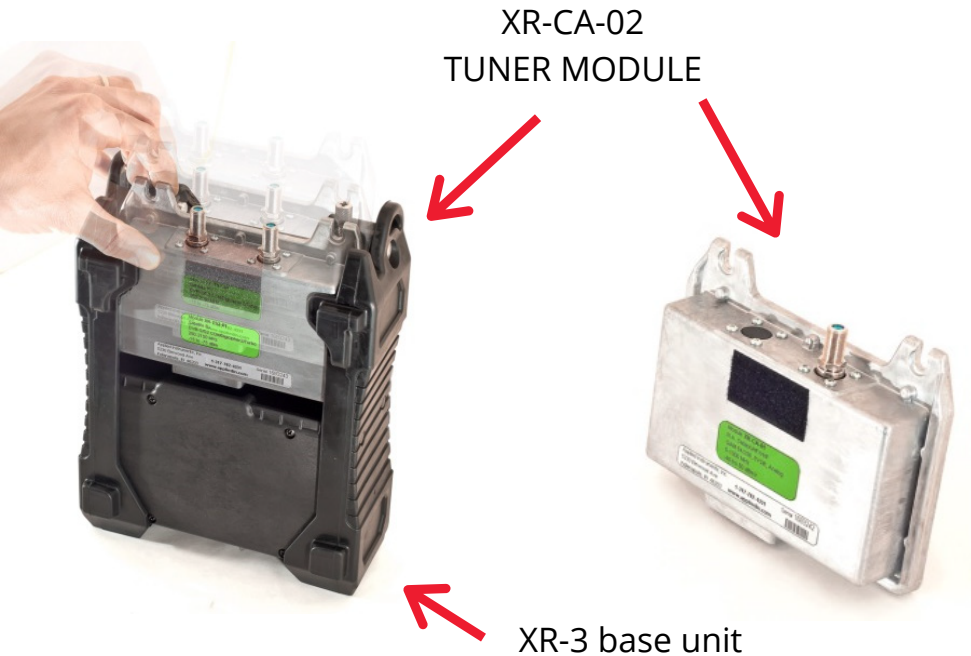
TUNER MODULE FOR USE WITH XR-3 MODULAR TEST INSTRUMENT
BASE UNIT

BENEFITS

- Works with the XR-3 Modular Test Instrument base unit
- Friendly user interface
- Tune by frequency or tune by channel number
- Field replaceable type F-female barrel connector
- Fast system boot-up time in less than 5 seconds
- Compatible with digital signals
- Store measurements for Proof-of-Performance
- Programmable Pass/Fail limit scan for all channels
- Quick scan of all channels
- Easily create new custom channel plans or use standard base plans
- Constellation Screen (I and Q demodulator values)

SATELLITE SIGNAL LEVEL METER MODULE

CATV / VHF / UHF / Off-Air



XR-CA-02

TUNER MODULE FOR USE WITH XR-3 MODULAR TEST INSTRUMENT
BASE UNIT

VHF/ UHF / OFF-AIR FEATURES

- Supplies Pre-Amp / LNA power
- Simultaneously displays signal level and quality of multiple channels
- Displays measurements for digital signals
- High signal sensitivity assures Off-Air antenna alignment optimization
- Manually tunes to custom channels
- Audible tone for signal lock and peak

MEASUREMENTS

- Digital Signal Level (dBm, dBmV, or dB μ V) with present and peak bar graph
- Digital Signal Quality (MER & BER)
- Locks on 8VSB (ATSC A/53) UHF digital Off-Air signals
- Locks on 64QAM and 256QAM (ITU-T J.83, Annex B) CATV signals
- Tilt
- Current draw of off-air antenna pre-amp / LNA

MMDS FEATURES

- Powers frequency block down-converters

CATV FEATURES

- Compatible with digital CATV signals
- Frequency range from 5 MHz to 1 GHz
- Tilt measurement

SPECIFICATIONS

Frequency Range

- 5-1000 MHz

Tuning Resolution

- Standard channel spacing

Signal Level Range

- -40 to +60 dBmV

RF Level Accuracy

- +/- 1.5 dB typical

Compatible Digital Signal Lock

Formats

- 8VSB (ATSC A/53)
- 64QAM, 256QAM (ITU-T J.83, Annex B)

Nominal Impedance

- 75 Ohm

LNA/Pre-Amp Power

- 5,13,18 VDC

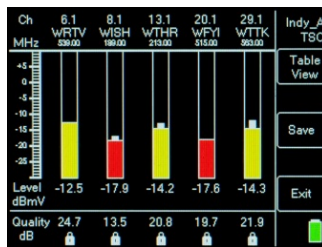
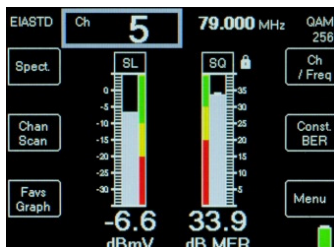
RF Connector

- Type F-female barrel, field replaceable

Warranty

- 12 month limited

Specifications subject to change without notice.



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