

XR-S2ACM-01

Tuner Module for use with
XR-3 Modular Test Instrument base unit

Satellite Signal Level Meter Module For VSAT, Broadcast TVRO, & International DTH

FEATURES

- Compatible with XR-3 Modular Test Instrument
- Friendly user interface
- Satellite ID by "align-to-lock" or "automatic scan"
- ID multi-lock algorithm eliminates false positives
- Powers LNBs and multi-switches
- Use for L, C, X, Ku, or Ka band applications
- High sensitivity assures alignment optimization
- Geo-sensitive "Field Guide" software database stores all compatible satellites and transponders per global region
- Program and store up to 256 custom transponders
- Controls multi-LNBs/switches with 22kHz DiSEqC tone
- Manually tune to custom transponders using front panel keypad
- Audible tone for signal lock or peak
- Store measurements for Proof-of-performance reporting
- "Limit Scan" Pass/Fail for key transponders
- Displays antenna settings (AZ / EL / Skew) based on user's postal code or latitude and longitude coordinates
- Field replaceable type F barrel connectors
- Fast system boot-up time in less than 5 seconds

MEASUREMENTS

- Demodulates DVB-S, DSS / DIRECTV Legacy, & DVB-S2 (CCM, ACM, & VCM) signals
- Signal Level (dBm, dBmV, or dBμV) with present and peak bar graph
- Signal Quality (IRD, C/N, Eb/No, or Es/No)
- Pre-FEC & Post-FEC BER (Bit Error Rate)
- PER (Packet Error Rate)
- Voltage output of IRD / IDU (29V max)
- Current draw of LNB
- LNB frequency deviation (LNB LO drift estimate)
- Symbol Rate error
- Spectrum Screen (frequency on x-axis, amplitude on y-axis)
- Constellation Screen (I and Q demodulator values)

STANDARD ACCESSORIES

- Quick Start Guide

SPECIFICATIONS

Frequency Range.....900-2150 MHz

Tuning Resolution.....4 kHz

Signal Level Range... -75 to -15 dBm (+34 to +94 dBμV)

RF Level Accuracy..... +/- 2 dB typical, 3 dB max

Signal Lock Formats.....DVB-S (QPSK), DVB-S2 (QPSK, 8PSK, 16APSK, 32APSK, CCM, VCM, ACM), DSS / DIRECTV Legacy (QPSK)

Impedance.....75 Ohm

LNB Power.....13VDC for V/R, 18VDC for H/L

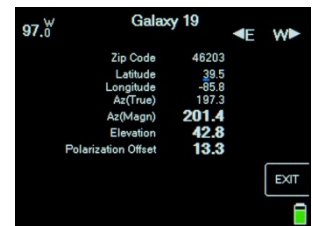
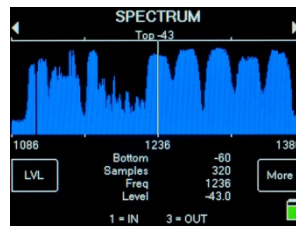
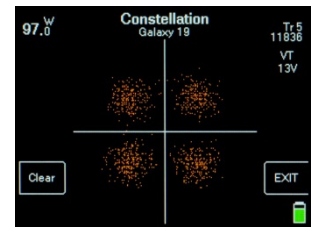
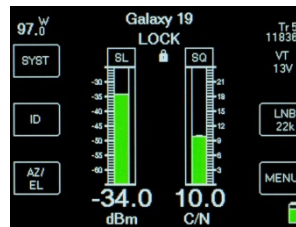
21VDC for DIRECTV SWIM LNBs, 29VDC

Switch Control.....22 kHz, DiSEqC

RF ConnectorF barrel, field replaceable

Warranty.....12 month limited

Specifications are subject to change without notice.



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Manufactured by:



Applied Instruments, Inc.
5230 Elmwood Avenue
Indianapolis, Indiana 46203 USA
Tel: (317) 782-4331 Fax: (317) 786-9665
Toll Free in USA: 1-800-244-2976
<http://www.appliedin.com>

Sales Representative: