APPLIED INSTRUMENTS, INC.

RF TEST AND MEASUREMENT

XR-3
- **Rugged**
- **Adaptable**
- **Economically Efficient**

The XR-3 is a revolutionary test instrument platform. The base unit is a rugged chassis, display, and portable power supply that accepts easily swappable modules for test signal measurement purposes.

The XR-3 is economically efficient because it allows you to choose only the test modules that your application requires. In the future as your testing needs change, you'll need only a new module, not an entire instrument.

Test modules that "slide and click" into the XR-3 available now include DBS satellite, VSAT satellite, and cable TV / off-air broadcast. Other modules will follow.

The XR-3 platform is ideal for installers and private cable operators that demand fast, easy signal measurements today and in the future.

XR-3

Modular Test Instrument

Wi-Fi™ optional

"Reliability through Simplicity"

Configurable to test:

DVB S SATELLITE QAM

DVB S2 8VSB

and more…

XR-3 Modular Test Instrument

GENERAL FEATURES
- Durable case with rubber shock guards
- Color graphic LCD screen, sunlight readable display
- Glow-in-the-dark numeric keypad with arrow key controls
- Rechargeable / Easily Replaceable Li-Ion battery
- USB computer interface for firmware updates
- Operates while charging via AC
- Quick charge battery with universal AC or vehicle 12 VDC
- Modular design for longer life and more flexibility
- Accepts various easily-swappable modules (sold separately)

SPECIFICATIONS
Battery........................rechargeable Li-Ion, 4400mAh 12.6V Max
Run time/charge.............4 hours for a single LNA
                 (depends on LNA current draw)
Universal AC charger.....100 to 240 VAC, 50/60 Hz
                 fast charge and then trickle
Vehicle charger...............12VDC
Computer Interface..........USB (Ethernet optional)
Size/Weight......................9"W x 7"H x 2.5"D / 3.2 lbs.
(without rubber guards)   22.9cm x 17.8cm x 6.4cm / 1452 g
Operating Temperature Range......-20°F to 120°F (-29°C to 49°C)
Battery Charge Temperature Range..41°F to 100°F (5°C to 38°C)
Warranty.........................12 month limited
Specifications subject to change without notice.

STANDARD ACCESSORIES
- Shoulder strap
- Cordura protective flap
- Universal AC switching power supply with line cord
  (100 VAC to 240 VAC Transformer)
- Automobile cigarette-lighter adapter battery charge cord (12VDC)
- PC data transfer cable (USB)
- Quick Start Guide
- Desktop kickstand

OPTIONAL ACCESSORIES
- Hard shell protective carrying case

OPTIONS
- Wi-Fi
  - download software updates to XR-3 wirelessly
  - upload saved scans from XR-3 wirelessly via FTP
  - wirelessly monitor and control XR-3 using XR-3 Remote app on Android mobile device (requires purchase of XR-3 Remote app from Google Play store)

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Modules Available

Module Part Number	Description	Application
XR-TS2-01	Satellite Meter North American DBS / Broadcast TVRO 250-2150 MHz	DISH, DIRECTV, Bell TV, Shaw Direct, and more
XR-TS2-02	Same as XR-TS2-01, but adds 2500-3000 MHz tuning capability for DISH Node to Hopper Band 3	
XR-S2ACM-01	Satellite Meter VSAT, Broadcast TVRO, International DTH 900-2150 MHz	iDirect, Hughes Ku, and more
XR-CA-01	Signal Meter - Cable & Off-Air (J.83B) / VHF / UHF 5-1000 MHz	UHF Off-Air, CATV, SMATV (i.e. DISH Smartbox, Blonder Tongue headends)

Manufactured by:

APPLIED INSTRUMENTS, INC.
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