



**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



Configurable to test:

**DVBS**  
SATELLITE

**QAM**

**DVBS2**

**8VSB**

*and more...*



***"Reliability through Simplicity"***

# 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 (12V DC)
- PC data transfer cable (USB)
- Quick Start Guide

## OPTIONAL ACCESSORIES

- Hard shell protective carrying case
- Desktop kickstand

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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-S2ACM-01	Satellite Meter VSAT, Broadcast TVRO, International DTH 900-2150 MHz	iDirect, Hughes, 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:



## Sales Representative:

