

Palm Top Digital and Analog Analyzers with Return Path

BTPDA-2, BTPDA-4



The BTPDA 2 and 4 are professional quality analyzers for measuring analog and digital signals (64 QAM, 256 QAM, OFDM, 8 or 16 VSB). Both instruments have an operating frequency range from 5 to 870 MHz, which supports measurements on off-air channels (2-69), CATV channels (2-135) and sub band channels (T7-T14).

○ Features & Benefits

- 5-870 MHz Frequency Coverage
- Digital and Analog Signal Measurements
- Automatic Tilt Measurement
- Stores up to 3 Selectable Channel Maps
- Shock and Water Resistant
- Long Life Battery Up to 16 Hours
- Auto Shut-off Feature

○ Specifications

RF

Frequency Range: 5-870 MHz
 Frequency Channel Reading: Digital Display
 Selectable Channel Plans: 3
 Frequency Resolution Steps: 62.5 KHz
 Input Impedance & Connector: 75 "F" Ohm
 Analog Level :
 BTPDA-2: 25/126 dBμV, -35/+66 dBmV
 BTPDA-4: 15/115 dBμV, -45/+55 dBmV
 Digital Power:
 BTPDA-2: 25/126 dBμV, -35/+66 dBmV
 BTPDA-4: 25/120 dBμV, -35/+60 dBmV
 Power and Level Measurement Accuracy @20°C:
 BTPDA-2: 1.5 dB
 BTPDA-4: 1.0 dB
 C/N & A/V Radio Measurement Accuracy at 20° C: 1.5 dB
 Digital Signal Quality Test on Adjacent Channel
 Digital Signal Quality Test on the Nearest Channel
 Digital Power Flatness Digital-Degraded-Analog
 Digital Power Alarms Too High-Too Low
 Leakage Measurement: BTPDA-4 Only
 Measurement Stability According to Temperature: 0.02 dB/°
 IF Measurement Filter Bandwidth (@ -3dB): 100 KHz
 Stereo Carrier Presence
 Low Battery Indication Monitoring

Audio

Universal Audio Demod: 5-870 MHz
 Demodulation Filter Bandwidth (@-3 dB): 100 KHz
 Audio Output: 0.5 W

General

Power Supply: Internal NI-CAD 8 x 1.2 V x 1, 4 A
 External Voltage:
 17 VAC or DC 700 mA 230 VAC opt.
 (Ø 5.5 x 2.5 Connector on the Battery Pack)
 or 220 VAC with AC / AC adapter supplied
 3 LED Battery Charge Monitor: BTPDA-4 Only
 Back Light Display with Timer
 Battery Capacity:
 BTPDA-2: 8 hours
 BTPDA-4: 16 hours
 Battery Recharge Time:
 BTPDA-2: 10 hours
 BTPDA-4: 2 main, 6 car hours

Mechanical

Material: ABS and Aluminum
 Dimensions (WxHxD):
 4.32 x 11.8 x 2.36 in
 11 x 30 x 6 cm
 Weight
 Instrument & Battery: 1.76 lbs., 0.8 kg
 Bag & Transformer: 0.75 lbs., 0.34 kg

○ Ordering Information

Model	Stock No.	Description
BTPDA-2	4220	Palm Top Digital Analyzer 5-870 MHz
BTPDA-4	4215	Palm Top Digital and Analog Analyzer with Leakage Measurement