

BTPDA-2, BTPDA-4

Palm Top Digital and Analog Analyzers with Return Path



○ 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

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).

○ 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

Available through

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