



Description:

Hand-held Cable TV analyser destined for the installation and maintenance of cable TV networks. Its built-in functions and capabilities are developed to meet the increasing requirements for high accuracy of measurements and complexity of analyses as well as simplicity in performing complex tasks.

Features:

- Intelligent Software Control
- Portability
- Suitable for CATV Installers and Telecoms
- Suitable for service workshop specialists
- Easy Operation
- High Reliability

| Technical Specifications | |
|---|---|
| Tuning | |
| DOWN Stream | 45 ÷ 870MHz standard |
| UP Stream | 5 ÷ 65MHz |
| Tuning mode | by channels by frequency |
| Frequency resolution | 50kHz |
| Frequency stability | ± 5 ppm |
| Programmes | |
| Number of programmes | maximum of 128 |
| Storage of programmes channel and frequency | entered from keyboard |
| Channel plans | CCIR or OIRT selectable |
| Display | LCD a/n display with back lighting |
| Carrier to Noise | |
| Measurement ratio of the video carrier | level to the noise level within the channel |
| Max Dynamic Range | 60dB (90dBµV reference input level) |
| Accuracy | ± 2dB Typical |

| General Specifications | |
|-------------------------|---|
| Supply Mode | Battery or Mains Adapter |
| Battery Type | 5xAA NiMH 1.2V/1.7Ah - rechargeable |
| Low Battery Warning | Indication on the display |
| Battery supply duration | 6hours (30% on/off) |
| Mains Adapter | 230 VAC/50-60Hz-9VDC/2A |
| Battery charging | By fast internal charger 4hours |
| Auto power off | low batt. detected or after 5 min of no usage |
| Power Consumption | 3.5W |
| Temperature Range | 5 ÷ 40 °C |
| Max relative humidity | 80% (up to 30 °C), decreasing lineally down to 50% at 40 °C |
| Dimensions | 220x140x75mm |
| Weight | 850g (with the batteries) |

| Technical Specifications | |
|-------------------------------------|--|
| Level Measurement | |
| Measurement range | 25 ÷ 120dBµV |
| Readout | digital dBµV, resolution 0.1dB |
| Attenuator | Automatic |
| IF Bandwidth | 100KHz |
| Input Impedance | 75Ω |
| Input Return Loss | < -15dB |
| Accuracy | ±0.75dB (30 ÷ 115dBµV) for negative video modulation |
| Video/Audio | |
| Audio measurement | Level and Video/Audio Ratio |
| Video/Audio Range | 0 ÷ 45dB |
| Audio subcarrier frequency standard | B/G (+5.5MHz) or D/K (+6.5MHz) |
| Accuracy | ±1.0dB (5 ÷ 40 °C)for FM audio carrier |

In the box:

- Adapter 9V/2A
- RS232 Cable
- Coaxial cable BNC to F type
- Connector F type to IEC
- Carrying bag
- PC Software