Frequency and Power Meter MFP-8000

Purpose and advantages

- The MFP-8000 is designed to measure the frequency and intensity of a radio field in the frequency range from 100 kHz to 8 GHz
- It can be used in conducting search operations, setting up radio transmitting devices and monitoring the air
- In the "watchman" mode, it monitors the level and frequency of the signal, issues an alarm warning when the set threshold is exceeded
- It can measure power of the input signal within a level range from -50dBm to +30dBm
- It can automatically tune radio receivers and spectrum analyzers to the measured signal frequency via a built-in interface (option, ordered separately)
- It can utilize acoustic feedback mode during search work
- It supports surveillance mode when it responds to signals with a power level exceeding a specified threshold

Delivery set

- MFP-8000
- Antenna A-1; Antenna A-2
- N-BNC adapter
- RS-232 interface cable
- Charger
- User Manual; Certificate
- Package box

Technical specifications

Dimensions ..... 115 x 70 x 27 mm
Weight ..... <= 300 g
Dynamic range of power level measurement 90dB
(-60dBm…+ 30dBm)
Accuracy of power level measurement ..... ± 0.5dB
Display ..... LCD, 4 lines
Sensitivity for frequency measurement:
-45dBm (1.26mV) for the frequency range (300-6000) MHz
12,68mV (-25dBm) for the ranges (0.1- 0.3) MHz
and (6000-8000) MHz
Power supply ..... a built-in Li-Ion battery
3.6 W / 1.95 A/h
Operating time from the built-in Li-Ion battery … at least 8 hours
Switchable frequency detection accuracy ..... 1 Hz, 10 Hz,
100 Hz, 1 kHz

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