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SWEEPMASTER F2560

The Sweepmaster F2560 is a fully integrated portable counter surveillance device designed to detect and locate the presence of covert surveillance devices or bugging devices. It contains everything the counter surveillance professional needs to perform a thorough 'sweep' of any premises or vehicle.



It uses the very latest digital technology to provide very high sensitivity across a wide frequency range that ensures detection and location of even the weakest radio transmissions such as those used in covert surveillance devices.

VHF, UHF and Microwave transmitters will be detected by the F2560; in fact anything that transmits a radio signal between 1 MHz and 6.0 GHz (6000 MHz). Such devices include miniature room transmitters, mains powered transmitters, telephone transmitters, video transmitters, mobile phones, tracking devices, walkie talkies etc.

The F2560 also features a digital 'peak pulse' detector. This enables it to detect signals from devices that only transmit momentarily and to 'latch' a LED and notify you that a signal has been detected. Such devices include vehicle trackers, GSM devices (SMS text messages), or 'Burst' transmitters that accumulate information and transmit it in short 'bursts'.

As well as locating signals swiftly and easily, the F2560 will display the frequency of the signal detected up to 2560 Mhz. This valuable feature enables the user to quickly verify whether the detected signal is from a genuine innocent radio device or something more suspicious.

The F2560 also features a telephone interface so it can be connected directly to a telephone line to check for the presence of radio transmitting devices or other types of hard-wired listening devices attached to the line such as infinity bugs.

The whole package with accessories is supplied in an ultra-protective carry case.

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Supplied Accessories:

- Antenna Wand with Whip Antenna
- Earphones
- Telephone Connection Cables
- 10V DC Charger
- Soft Protective Carry Case
- Shoulder Strap
- Protective 'Storm' Carry Case

ANTENNA INPUT

Connector: BNC Socket - 50 Ohm

Input Frequency Range: 1MHz - 6GHz

Sensitivity

100MHz: -46dBm

200MHz: -46dBm

500MHz: -45dBm

1GHz: -40dBm

2GHz: -28dBm

5GHz: -7dBm

Demodulation Sensitivity for 50mW

Audio: -30dBm (meas'd at 500MHz 50% AM 1kHz)

Frequency Response: 400Hz - 5kHz +/-2dB

TELEPHONE INPUT

Connector: FCC68 6/4

Input Frequency Range: 1MHz - 6GHz

Sensitivity

100MHz: -39dBm

200MHz: -32dBm

500MHz: -29dBm

1GHz: -27dBm

2GHz: -15dBm

5GHz: -1dBm

Demodulation Sensitivity for 50mW

Audio: -24dBm (meas'd at 500MHz 50% AM 1kHz)

Line Audio: Frequency Response: 400Hz - 5kHz +/-2dB

Sensitivity for 50mW Audio: 10mV RMS

Frequency Response: 200Hz - 15kHz +/-1dB

Line Isolation: 500V DC

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INSTRUMENT DISPLAY

Type 16 x 2 Alpha-Numeric OLED
RF Signal Strength: 10 element bargraph
RF Carrier Frequency: 2560.0MHz (2.56GHz) maximum

INTERNAL AUDIO AMPLIFIER

Output Power: 0.25W
Frequency Response: 300Hz - 15kHz +/-1dB
Headphone Connector: 3.5mm Jack

VOX TRIGGER

Number of Bursts: 4
Burst Duration: 40ms
Burst Frequency: 12.5Hz
Tone Frequency: 3.2kHz
Loudness: 90dB SPL @ 1m

MISCELLANEOUS

Internal Battery: 7.2V 110 mAh Li-Ion rechargeable
Operating Duration - fully charged battery: 8 hours
Charge Time - using supplied charger: 3 hours maximum
Operating Temperature Range: -10 to +50 degrees C
Relative Humidity: < 90%
Dimensions: 170 x 165 x 52 mm
Weight: <1 kg

