



CPM-700 DELUXE

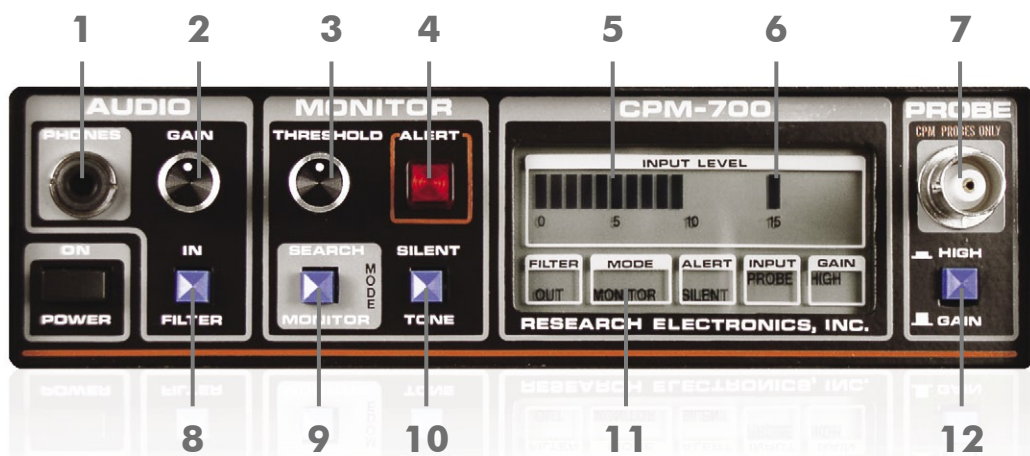
COUNTERSURVEILLANCE PROBE/MONITOR
Up to 12GHz

Detect & locate electronic surveillance devices...

Such as room, phone, and body bug transmitters, up to 12 GHz! The CPM-700 Deluxe responds to RF, carrier current, and infrared transmitters, as well as acoustic leakage.

Professional TSCM Tools in a Portable Sweep Kit

- Detect and locate sophisticated eavesdropping transmitters (digital & analog) including RF (audio, video, data, etc), Infrared, and Carrier Current transmitters.
- Test telephones and miscellaneous wiring for "hot mics," hookswitch bypass, and "infinity" bugs with the Amplified Audio Auxiliary Input (100dB of gain).
- Evaluate structure bound audio leakage integrity (walls, glass, etc.) and vulnerability against laser listening devices using the active Acoustic Leakage Probe.
- Detect low power transmitters using active probes with built-in pre-amps for increased sensitivity.
- Wide Band Coverage - from 15kHz to 12GHz.



1. PHONES

Headphone output for silent operation, disconnects internal speaker.

2. AUDIO GAIN

Controls the audio gain (volume) to the speaker or headphone output.

3. THRESHOLD

Sets the trip point for the Monitor mode.

4. ALERT LED

Flashes red when input level exceeds trip point of Monitor mode.

5. INPUT LEVEL

Bar graph indicates signal strength of Probe or Auxiliary inputs.

6. PULSING SEGMENT

Indicates alarm trip point in the Monitor mode, activates Alarm and Remote output.

7. PROBE INPUT

Provides input and power for active probes.

8. FILTER

Audio filter used to accentuate voice frequencies and remove noise.

9. MODE

Search or Monitor mode is for performing a sweep. Monitor mode sets the Alarm.

10. ALERT

Selects either audible Tone alarm or Silent flashing LED output from Monitor mode.

11. STATUS DISPLAY

Shows unit operating conditions made by button selections.

12. PROBE GAIN

Adjusts the internal sensitivity of the Detector and Audio systems.

* Product specifications and descriptions subject to change without notice.

CPM-700 DELUXE

Accessories

BROADBAND MICROWAVE PROBE



Directional probe detects modern surveillance devices including frequency hopping transmitters up to 12GHz.

Frequency Response:
2GHz - 12GHz ± 3 dB

Antenna Gain: 7dB Nominal

Sensitivity: -65dBm (1 segment)

Audible Sensitivity: -70dBm
Min. Discernible Signal Level (MDSL)

STANDARD RF PROBE



Nearfield Active RF Probe for locating transmitters up to 3GHz.

Frequency Response:
50kHz - 3GHz ± 3 dB

Preamp Gain: 20dB Nominal

Sensitivity: -62dBm (1 segment)

Audible Sensitivity:
-85dBm MDSL

RF SNIFFER PROBE



Probe for use in RF rich environments where the standard probe may be oversaturated.

Frequency Response:
10MHz - 3GHz

Preamp Gain: 20dB Nominal

Sensitivity:
-35dBm (8cm from target)

Audible Sensitivity:
-55dBm (8cm from target) MDSL

VLF CARRIER CURRENT PROBE



Frequency Response:
15kHz - 2.5MHz ± 3 dB

Sensitivity: -38dBm (1 segment)

Audible Sensitivity: -50dBm MDS

Max Input Voltage:
300VAC 50 - 60Hz

INFRARED PROBE



Frequency Response:
10kHz - 5MHz

Wavelength: 725 - 1150nm

Viewing Angle: ± 40 deg

ACOUSTIC LEAKAGE PROBE



Evaluates structure bound acoustic leakage (walls, windows, etc.)

Frequency Response:
50Hz - 10kHz (surface dependant)

Impedance: 47K Ohm

MODULAR PHONE ADAPTER



Allows easy access to phone and network wiring to test for transmitting surveillance devices.

PATCH CORDS



Used to test miscellaneous wiring and to connect the CPM-700 to a tape recorder for recording audio output.

CARRYING CASE



Size: 18.5 in x 6 in x 14.5 in
(47 cm x 15.3 cm x 36.8 cm)

Weight:
10.3 lbs (4.7 kg) with all items

AUDIO AUXILIARY INPUT

Input Impedance: 50K Ω

AGC Dynamic Range:
110dB 3 μ V - 1V p-p

Frequency Response:
100Hz - 15kHz ± 3 dB
(filtered 500Hz - 2.5KHz)

CIGARETTE LIGHTER ADAPTER



Provides 12VDC power from automobile socket.

NIHM BATTERIES



2300 mAh (8 qty.):
8 - 12 hours per charge

Recharge Time: 6 - 8 hours

HEADPHONE OUTPUT

Headphone Output:
5V p-p 220 Ω

RECORD OUTPUT

Record Out:
25mV p-p nominal with AGC

CPM-700 DELUXE

Provides a wide range of professional countersurveillance tools in an easy-to-use portable kit.

The CPM-700 is available in multiple package configurations depending on user needs. Contact REI for the package that best meets your needs.



* The effectiveness of any surveillance countermeasure is dependent on the threat level and the user's ability to properly deploy the appropriate countermeasure. Product specifications and descriptions subject to change without notice.