

PALLADIUM 4.5

HAND HELD RF DETECTOR



The Palladium RF detectors pack the performance of professional countermeasures systems into pocket-sized devices.

Many will use the Palladium 4.5 to conduct impromptu sweeps of sensitive meeting areas. RF activity, when detected, can then be verified. For those who want more discreet protection there is a 'vibration alert' mode: the user simply leaves the unit in their pocket and it vibrates when approaching transmitting devices.

SPECIFICATIONS

DETECTION CAPABILITY:

RF: All transmitter types including AM, FM, sub-carrier, carrier only, SSB, DSBSC, scrambled, frequency hopping and other spread spectrum types

FREQUENCY COVERAGE:

10MHz – 4.5GHz

HF GAIN:

35dB

HF GAIN WITH PRE-AMP:

50dB

HF INPUT IMPEDANCE:

50ohm

INTERNAL BROADBAND AMPLIFIER NOISE:

<2dB

AF GAIN AFTER DETECTION:

30dB

AUDIO OUTPUT:

internal speaker
headphone socket (3.5mm jack)

OUTPUT IMPEDANCE:

8ohm

AF FREQUENCY RANGE:

700-6000Hz

SENSITIVITY CONTROLS:

tuning knob adjusts core sensitivity level
Switch adjusts to two sensitivity levels (high and low)

OPERATION MODES:

off, detect, confirm, vibration alert (selectable by rotary switch)

ILLUMINATED INDICATOR:

6 element LED bar graph

AUDIO INDICATOR:

tone from internal speaker or headphone (bleep)

ANTENNA:

semi-flexible whip

POWER SUPPLY:

9V, PP3 battery

CASING:

steel frame with ruggedised suede paint finish

SIZE:

105 x 60 x 20mm

ORDER CODE:

Palladium 4.5
Palladium 4.5H
Palladium 4.5HC

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