

# PALLADIUM 5.6

## HAND HELD RF DETECTOR



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

**The Palladium 5.6 has a dual purpose. It is a hand-held RF detector with powerful detection, verification and vibration alert modes. It is also intended for locating tracking devices and for alerting the operator to modified mobile phones.**

### SPECIFICATIONS

#### DETECTION CAPABILITY:

RF: All transmitter types including AM, WFM, NFM, sub carrier, carrier only, SSB, DSBSC, scrambled, frequency hopping and other spread spectrum types.  
Mobile phone: GSM900, GSM1800 (ASM phase 2+), voice, fax, data, SMS and GPRS

#### FREQUENCY COVERAGE: 10MHz – 5.6GHz

#### HF GAIN: 40dB

#### HF GAIN WITH PRE-AMP: 50dB

#### HF INPUT IMPEDANCE: 50ohm

#### AF GAIN AFTER DETECTION: 30dB

#### AUDIO OUTPUT: internal speaker headphone socket (3.5mm jack)

#### OUTPUT IMPEDANCE: 8ohm

#### OUTPUT POWER: 100mW

#### SENSITIVITY CONTROLS: tuning knob adjusts core sensitivity level

#### SENSITIVITY: -50dBm

#### DYNAMIC RANGE: >60dB

#### VISUAL INDICATORS: power on LED signal strength LEDs (6)

#### AUDIO INDICATOR: tone from internal speaker or headphone (bleep)

#### CONTROLS:

#### SELECTION SWITCH: band 1, band 2

#### OPERATION MODES: off, detect, confirm, vibration alert (selectable by rotary switch)

#### TUNING KNOB: core sensitivity

#### POWER SUPPLY: 9V, PP3 battery

#### SIZE: 105 x 60 x 20mm

#### ORDER CODES: Palladium 5.6 Palladium 5.6H Palladium 5.6HC