

New features

- Extended frequency range 50MHz-8GHz
- Sound mode
- Detection of 3G

Features

- Increased 16-segment bargraph indicator
- Physical attenuator -20 dB
- Highly sensitive to real signals without being affected by weak background radio waves
- No sensitivity loss at battery discharge
- Increased sensitivity to high-frequency signals
- Joystick-style control for all functions (attenuator on/off, vibrating on/off, power on/off)
- Low power indication
- Vibrating indicator
- High-quality detection scheme with professional RF isolation
- Reliable and tested device for different sweeping tasks
- Detect both analogue and digital transmissions
- Allows the operator to locate the source
- Vibrating signal for concealed indication of a high RF level and testing the hardly accessible places
- Durable duralumin case
- Powered by 2 AAA batteries
- Battery resource up to 10 hour

Specification

Frequency range	50MHz-8GHz
Attenuator	-20 dB
Controls	Attenuator on/off, vibrating on/off, sound on/off, power on/off
Indicators	1) 16-segment bargraph; 2) Vibrating 3) Battery state (3 colors)
Battery resource	Up to 10 hours
Dimensions	125 x 62 x 17 mm



Front panel

Joystick control:

- ↓ - push and hold power on/off
- ↔ - vibro/sound
- ↑↓ - attenuator



Battery status:

- 🟢 green - full battery
- 🟡 orange - low battery
- 🔴 red - complete discharge

Bargraph



The iProtect 1203 has a 16-segment bargraph indicator which allows the operator to see the slightest changes in level and as such accurately find the area with the strongest signal for location.

When it is necessary to decrease the sensitivity, typically during the location process, the operator can use the attenuator function. The iProtect 1203 has a 'physical' (as in professional communications) RF attenuator of a level up to -20 dB.

The sound function allows the operator to hear the demodulated signal. This can be useful when making decision about the nature of signal—whether it is an analog FM-modulated transmitter or a digital source.

The vibrating indicator allows the user to 'feel' the increased level without actually watching the bargraph. That is convenient during the process of inspecting hard to access places like gaps under/behind furniture and construction. The attenuator, the vibration/sound mode and the power state are selected by the joystick-style control.