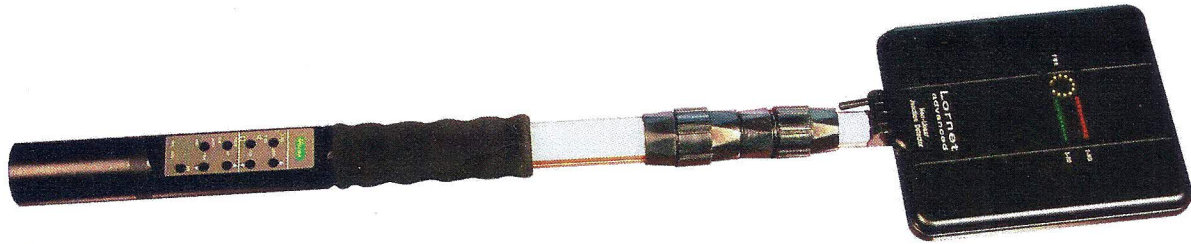


**Handheld Non-Linear Junction Detector
«LORNET»**



Application:

The non-linear junction detector «LORNET» is used for counter-surveillance search works in premises, transport and outdoors. It is designed to find specialized covert surveillance equipment containing semiconductor components. «LORNET» has a built-in automatic frequency selection system and it can tune away from the narrowband interference automatically (selecting a 2nd harmonic receiving channel with the minimum noise level).

Technical Characteristics:

- | | |
|--|---|
| • Probing signal type | pulse, CW |
| • Avg Power pulse/CW | <4W/0.3 W |
| • Sensitivity (2 nd and 3 rd harmonic receivers) | < -150 dBm given a 10dB signal to noise ratio |
| • Probing signal frequency range | 890 - 891 MHz |
| • Receiving Frequencies 2 nd & 3 rd | 1780 - 1782 Mhz & 2670 - 2673 Mhz. |
| • Operation time with a built-in battery (pulse/CW) | 3.5h / 1.5 h |
| • Transportation / operation dimensions | (570 x 220 x 120) mm / (1000 x 150 x 40) mm |
| • Weight | < 1.0 kg |
| • Optimum Operating conditions | ambient temperature of 5°C to 40°C, capable of working in temperatures between -5°C to 50°C |

Main Competitive Advantages:

- Light weight and compact size;
- Easy-to-use, optionally used as an inspection tool;
- Both pulse and CW operation modes;
- Automatic and manual modes of the probing signal power control;
- Use of the advanced technologies and materials, ergonomic design;
- High detection capability (it is highly competitive to the best conventional NLJDs);
- It is possible to listen to the envelope detector output as well as to the level of the received signal of the 2nd and 3rd harmonics via a built-in loudspeaker and wireless head phones;
- It is possible to operate in hard-to-find places and under limited space conditions (thanks to the antenna thickness which does not exceed 18 mm).

Delivery Set:

- «LORNET» with a built-in Li-Ion battery;
- Wireless accessories (a receiver and headphones);
- Power adapter (220V);
- Transport Box to keep and transport the device



For ELVIRA:

Sergey A. Beltehiyev,
Vice President



143983 bldg.1, 10, Zavodscaya Str., Zheleznodorozhny,
Moscow region, Russia, ELVIRA Production Co., Ltd.
Тел/факс: +(495) 527-13-05, 748-24-34
www: <http://www.elvira.ru> , e-mail: elv@elvira.ru