

ST 600

The combined search device ST 600 is designed to detect electronic devices and trace cable lines.

Device can be used in combination with devices of «ST» series:

1. Multifunctional detection device ST 500 «PIRANHA».
2. Wired communications analyzer ST 301 «SPIDER».
3. Nonlinear junction detectors ST 400, ST 401 «CAYMAN».



ST 600 has two modes of operation:

1. «MAGNETIC FIELD DETECTOR» («DETECTOR»)
2. «CABLE LOCATOR»

Technical specifications:

Magnetic field detector

| | |
|---|------------------|
| Detector type | differential |
| Frequency range, kHz | 0,04 - 30 |
| Threshold sensitivity, A/m ² Hz ^{1/2} | 10 ⁻⁷ |

Detector of the electric field (cable locator receiver)

| | |
|--|------------------|
| Detector type | differential |
| Frequency, kHz | 455 |
| Bandwidth, kHz | 30 |
| Threshold adjustment range, dB | 30 |
| Threshold sensitivity, V/ m ² Hz ^{1/2} | 10 ⁻⁷ |
| Power supply, V | 3,7 |

Generator

| | |
|------------------------|----------------------------------|
| Signal frequency, kHz | 455 |
| Signal amplitude, V | 0,1 - 3 |
| Signal modulation type | PAM (pulse-amplitude modulation) |
| Power supply, V | 3,7 |

Weight and dimensions

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|--|-----------------|
| Main unit weight, kg | 0,34 |
| Dimensions of the main unit, mm | 212 x 64 x 60 |
| Generator weight, kg | 0,2 |
| Generator dimensions, mm | 110 x 64 x 60 |
| Weight of full set when packed, kg | 2,7 |
| Dimensions of full set when packed, mm | 500 x 160 x 220 |