

# ST111

## Professional RF detector



### PURPOSE

#### ST111 IS DESIGNED FOR DETECTING AND LOCATING OF RADIO TRANSMITTING BUGGING DEVICES, SUCH AS:

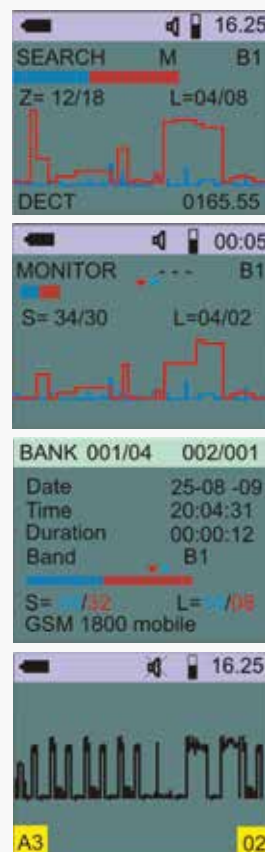
- Radiomicrophones, Including Burst transmitters, and devices with frequency hopping
- GPS TRACKER
- GSM bugs
- Wireless video cameras, stethoscopes
- Unauthorized used WLAN and DECT devices



Principle of operation of ST110 is based on broad band demodulation of electrical field.

### KEY FEATURES

- Separate indication of analog and digital signals
- Displaying of identified signals of GSM (2G), DECT, WLAN (2.4GHz)
- Frequency meter
- Oscillograph
- Timing diagram
- Special software "ST111 ANALYZER"
- Firmware update via internet
- 24/7 monitoring
- Log of events



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### SPECIFICATIONS

Frequency range 1, MHz	50-2500
Frequency range 2, MHz	2000-7000
Threshold input sensitivity, dBm, less than	-75 (50 MHz) -70 (1500 MHz) -50 (2500 MHz)
Threshold sensitivity, W/cm <sup>2</sup> , less than	2·10 <sup>-10</sup> (2500-7000 MHz)
Frequency range of frequency meter, MHz	50-2500
Sensitivity of frequency meter, dBm	-35 (50 MHz) -50 (1500 MHz) -20 (2500 MHz)
Inaccuracy of frequency measuring, %	0.005
Dynamic range of indication 1, dB	55
Dynamic range of indication 2, dB	30
Indication	color TFT display 169X128
Internal power supply	Li-pol acc. battery 3.6V
Consumption current, mA, less than	110
Dimension, mm	90x54x21
Weight, kg, less than	0.13
Gross weight, kg	0.25

### COMPLETE SET

Main unit	1
HF antenna	1
USB cable	1
Charger/power supply	1
USB flash drive with software and «Technical description and operating manual»	1

#### ■ SPECIAL «ST 111 ANALYZER» SOFTWARE is designed for:

- view real time graphs of the operation on ST 111;
- the ST 111 remote full control using PC;
- extended settings assignment for MONITORING mode;
- load and display textual and graphical information of the operation in MONITORING mode;
- firmware updating via internet.

