

WE MASTER PLUS
NON-LINEAR JUNCTION DETECTOR

For detection of the included and switched off latent overhearing devices, sound recording devices, and also explosives with the electronic detonators controlled on the radio channel; exact definition of a site of the found out radio devices; distinctions of electronic object from noise contact object; definitions of a mode of operation of the device (switched on – switched off). Ensures the functioning in conditions of influence of the strong external radio noise created: cellular communication, television transmitters, radio stations, radio telephones etc. Detection is carried out by an irradiation of a controllable zone by a continuous or modulated probing signal with the subsequent reception and the analysis of a signal of the response simultaneously on the second and third harmonics of irradiating signal. The information on the fact of detection is given out as a sound signal in headphones, and also on a control panel as light signals on indicators of a level of red color at detection of electronic object or on indicators of a level of green color at detection contact noise object.



| Specifications: | |
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| The type of radiation | pulse or continuous |
| Capacity of the MICROWAVE – SIGNAL on a target socket of the send-receive block | 2-4 W (adjustable) |
| Sensitivity of accepted signals frequencies of 2-nd and 3-rd harmonics | is not worse a minus 145 dB/W (adjustable) |
| Frequency radiating the MICROWAVE of a signal | 980. 1020 MHZ (reconfigurable) |
| Factor of amplification(strengthening) of the aerial with linear polarization | on 1-st harmonic +3 dB on 2-nd and 3 harmonics +7 dB |
| Factor of amplification of the aerial with circular polarization on linear a component | on 1-st harmonic +3 dB on 2-nd and 3 harmonics +6 dB |
| Depth of adjustment of sensitivity | 45 dB (aside reduction) |
| Depth of adjustment of capacity | 20 dB (aside reduction) |
| Weight carried the operator at work of the complete set of the equipment | no more than 3,5 kg |