

TD-62

TRANSMITTER DETECTOR

INSTRUCTION MANUAL

The TD-62 Transmitter Detector is a complex piece of countermeasures test equipment that comes standard with the Wideband RF Probe. This transmitter detector can be used with the 4 available probes described below to search for and locate virtually every type of transmitting bug in use today.

- Wideband RF Probe (up to 2.5 GHZ)
- Infrared Probe (Laser Detector)
- Line Driver Probe (Detects hard wired microphones)
- Microwave RF Probe (2.5 GHZ to 6 GHZ)

Description of Functional Buttons:

Power Button Upper right corner - turns the unit on and off. If the unit is left on, it will automatically shut off in 15 minutes if no other button is pushed (this time is adjustable).

Menu Button To scroll through the menu options continue to push the menu button within 5 seconds. Use the up or down arrows to change the selection.

- ◆ First Push – This selection allows the user to change from the Detect mode to the Verify mode. The Detect mode is used to locate transmitters and the Verify mode is used to determine if audio is being transmitted.
- ◆ Second Push – This will allow you to change from high sensitivity to low sensitivity by using the up and down arrows. This will aid in locating bugs. Once you have a strong signal switch to low sensitivity to help pinpoint the location of the transmitter.
- ◆ Third Push – This will adjust the brightness of the backlight by using the up and down arrows.
- ◆ Fourth Push – This will adjust the contrast of the display by using the up and down arrow.
- ◆ Fifth Push – This allows you to adjust the time set for the auto off feature. (set to 15 minutes at the factory) however; it is adjustable by using the up and down arrows.
- ◆ Sixth Push – Shows remaining battery voltage.

Arrow Buttons The use of these buttons by themselves will allow the user to adjust the volume of the TD-62.

The battery can be accessed through the sliding cover on the bottom end.

*****DO NOT** disconnect the battery by pulling against the wires. Damage caused in this manner will not be covered by the warranty.*** The battery should only be replaced with a 9VDC alkaline or equivalent battery.

The top of the unit has two jacks. The center jack is used to attach one of the four probes. The jack to the left side is used for the included ear bud (under reduced volume).

The probe supplied with the TD-62 is a wideband RF detector that will find wireless transmitters operating up to a frequency of 2.5 GHz.

Plug the probe into the center jack and extend the telescoping antenna. Walk slowly around the room while sweeping the probe (antenna) slowly up and down from ceiling to floor. Also, turn on the various lamps and appliances as you come to them to activate any bugs that may be hard wired in.

When a RF field is detected, the red LED in the Wideband RF probe will light, the bar graph in the display of the TD-62 will grow in size and the clicking rate will increase. At this time, slowly sweep the probe from side to side to get a bearing on the transmitters direction. This would be a good time to place the TD-62 in the low sensitivity setting to help pinpoint the transmitter. Pay close attention bugs are very small and easily hidden.

Never end the sweep when you find a bug. When someone is serious about invading your privacy they will seldom rely on just one bug in one room.