

ELECTRONIC STETHOSCOPE

The Electronic Stethoscope is designed to detect very weak sound waves that are produced by mechanical clockwork detonators found within unconventional explosive or incendiary devices and as such is an essential tool for the detection of EOD and IEDD and other search activities. The system detects, amplifies and identifies the sound waves using the selection of acoustic sensors supplied with the equipment. It is able to detect acoustic activity through all manner of construction materials including wood, glass, brick etc.

The ruggedised, portable, battery-operated kit comprises both contact and non-contact sensors. Its high frequency and very sensitive, impact contactless search head and amplifier, has been designed to filter out interference from extraneous environmental airborne sounds, and so can be used in noisy surroundings. It will detect weak sounds from a distance of approximately 8 meters, depending on the position, surroundings and type of timing device.

The system is in service globally with numerous EOD/IEDD and Search Teams.



The system is provided complete with the following items:

Electronics casing with inbuilt battery compartment, adjusters for gain and filter, socket for headset, socket for sensor
NiCad battery, rechargeable 9 volts
Dry battery 9 volts IEC No 6 LR61
Charger unit
Carrying strap for electronics box
Special headset

Set of protective covers for headset
Weatherproof impact sound sensor
Coax connection cables, 1 x long, 1x short
Contact cap
Contact needle
Transit case
Operation and service manual

Specifications:

Weight: 2kg

Amplification: 115dB at 4kHz (approx)

Temperature range: -15° to + 55°C