IEDS-2220

Counter Terrorism System

Electronic Stethoscope Plus Non-Linear Junction Detector IEDS 2220

A very sensitive Electronic Stethoscope Plus Non-Linear Junction Detector has been made to detect very weak sound of mechanical run back timers and electronic timing systems in improvised explosive devices e.g. mechanical timing devices, Wrist watch, Analog type watch by crystal detection sensor.

while it is also Non linear junction detector having crystal detection sensor for detecting the electronic circuits commonly found in improvised explosive devices and radio transmitters Wireless devices, e.g. Digital devices, Mobile Phone, Electric Circuit, Remote control devices digital watch and similar devices, that can indicate the presence of an improvised explosive. It can detect all above mentioned items through solid materials, such as walls, bricks, glass, plastic, concrete, inside the ceiling, wood, packing materials etc.

Nowadays terrorist connect bomb with Mobile phone, when they want to blast the bomb, Just they dial connect mobile number, the bomb become blast. This is very latest way for bomb blasting. There is no such like bomb detect device in the world except of IEDS 2220.

Some terrorist connect the bomb with remote control device, when the target reach to close just push the button for blasting.

IEDS 2220 can detect Mobile, Wireless, Remote control and electric devices which are using for bomb blasting.

The Old way for bomb blasting is connect the bomb with watch, IEDS 2220 can detect all kind of timing devices clearly.

Specification

IEDS-2220 Process Control Unit

(1) Size: 90×42×150(mm)
(2) Weight: 700g (including battery)
(3) Material: Aluminum
(4) Operating temperature:
    temperature -15℃ ~ 40℃,
    humidity: RH 10~90%
(5) 24hours working capability (9.6V)

Detection Head

(1) High-sensitive detection head
    (using Crystal Detection Sensor)

Stereo headphone

(1) Using high-sensitive headphone
(2) Operating frequency range:
    10 ~ 25,000Hz

Equipment packing

(1) Engineering special plastic case
    sustain ability over than 3tons
(2) Lock keeping the inside safe as well
    as protecting form the impact
(3) Not affected by chemicals
(4) Weight: 7kg (including device)
(5) Dimension: 420×300×120(mm)
(6) Waterproof

IEDS 2220 is essential device for Police , Military and Special Force EOD/IEDD forces around the world. Special application at Airport, Check Points, Govt Buildings, Power Plants, Nuclear Zone, Police & Military Zone, Oil and Chemical Zone and Religious Centers.

Features

  1) Convenience: Portable, simple use, light weight
  2) Capable of synchronous hearing and detecting long distance range with safety
  3) Enables to detect the digital circuit of cellular phone, wireless etc
  4) Enables to connect with other devices (recorder, computer) by using RCA jack
  5) Enables to listen and monitor the digital frequency (incoming call conversation etc)
  6) Enables to detect through world wide solid materials
  7) Enables to detect electric circuit
  8) Audios frequency proof sensor provide very pleasant operation in noisy area
  9) Enable to detect all kind of watch or clock in any environment
10) Compatible with EOD suit and EOD robot
11) Enable to provide function to 2 users by 1 unit at the same time
12) Enable to work in any environment
13) Nothing is effected on its operations

The system is provided complete with the following items:

* Weatherproof, Audio proof and high sensitive Crystal sensor head.
* Processing Control Unit (Included Battery)
* Stereo Headphone
* Charger
* Connection Jack
* Waterproof, Special High Density Equipment Case
* Jacket
* User Manual

What is Crystal Detection Sensor?

Developed 100% by AEGIS COREA and its technology for the first time in the world. The sensor detects Crystal frequency from electric devices by detecting Crystal of magnetic based circuit.

AEGIS COREA

Counter Terrorism System/ Military Training System

Electronic Stethoscope Plus Non–Linear Junction Detector IEDS 2220

Principle of IEDS-2220
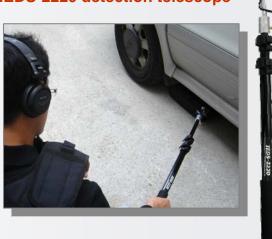Crystal (oscillator), electric current, detection of minute sound of analog and digital

Detection capability
. All kind of circuit detection
. Every electronic product (ported and wireless)
. Charged electric wire/ device
. Analog product detection
. Detection of digital signal
. IEDS-2220 have capability to detect an explosive from the distance of approximately 60cm depending on the per each devices.

Special features
. Light weight, portable
. Easy and simple use
. Detection capability of various devices (digital/analog devices, telephone, cellular phone, wire, electric toy, camera, computer, camcorder, wall / inside of concrete / inside of ceiling)
. Accurate detection; its detection is very fast and find an accurate location
. In the case of existing electric stethoscope made by other suppliers, it is affected by surrounding noise because of detecting audible frequency. But IEDS-2220 is audio proof It is not affected by surrounding noise as filtering audible frequency
. It does not require preparatory time and consumption materials like other products. As you turn on IEDS-2220 and then you can use it directly
. It is made by 100% AEGIS COREA own technology, so you can get more convenient A/S (service)

SPECIAL OPTION
IEDS-2220 detection telescope

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