The EARWIG has been developed for use by those operatives engaged in sensitive listening operations, where it is crucial the best audio is recovered from a stronghold. The technology used in such a small handheld device is outstanding. Designed specifically for Hostage Siege & Rescue situations, it has established itself in the technical armoury of Government, Military, and the Law Enforcement communities worldwide, as the best stereophonic stethoscope available after extensive operational testing.

It prides itself in sampling high quality DAC (Digital Analogue Convertor) and ADC (Analogue Digital Convertor) techniques of the Audio signal received, to very high frequency (using an oversampling technique) in order to improve the characteristics of the audio path recovered and recorded. It uses an amazing five-bands of equalized algorithms which provides you with clear resultant audio.

The two control knobs and the frontal LED’s are all you need to operate EARWIG, which provides a simple and easy to use solution to this highly technical field of audio recovery.

The host Full-Speed USB Port allows you to insert the supplied memory stick quickly, to be able to record all audio in an uncompressed format, so it can be used on any computer to download the intelligence for analytical work to be carried out to enhance the material recovered.
 Newly designed listening heads attached to high specification LIMO plugs for easy attachment to the base of the EARWIG sockets. Any preferred headphones can be used into the EARWIG base via the 3.5mm jack socket, however SENNHEISER provide the ultimate headphone response and are supplied with the system. A LINE OUT socket is also provided on the base of the EARWIG to provide those that require to attach an additional recording source direct from the EARWIG as an alternative to the 32GB Memory stick used on the control panel. This lead is an additional extra.

The unit is also provided with a battery status LED.

**TECHNICAL SPECIFICATION**

- **Input:** 2 balanced channels
- **Bandwidth:** 50Hz – 8 KHz
- **Sample Frequency:** 16KHz
- **Microphone Gain:** 0 ~ 40 db
- **Microphone AGC:** Yes
- **Line Out Gain:** 0 ~ 40db
- **Headphone Gain:** 0 ~ 40db
- **Equalizer bands:** 5
- **Gain each bands:** +/-12 db
- **Audio Output:** Stereo Headphones
- **USB File System:** FAT 16
- **Compression:** None
- **Power voltage:** 3.0V~5.0 V DC
- **Power consumption:** 280mW (70mA at 4V)
- **Battery:** On board Li-Ion Cell 1.8Ah
- **Operating Time:** 10 hours continuous use
- **Size:** 75mm x 115mm x 20mm

Technical information supplied on this interim leaflet is subject to change.
NEW CASE LAYOUT OF THE EARWIG COMPLETE SYSTEM
"Making the world a safer place"