Tag & Exciter Detector (TED)

- Lightweight and handheld for flexible deployment
- Wirelessly detects, activates, and configure stags
- Variable LF range
- Part of the Hardware Manager kit

Overview

The Tag & Exciter Detector, known as TED, is used to activate and configure tags wirelessly. It can be connected directly to a PC via the micro USB port and utilises the Tag Manager applications, part of the Hardware Manager kit for Extronics Advance visibility solutions.

Wireless operation

Using wireless technology, the TED can detect, activate, and configure up to 80 active RFID tags simultaneously.

LED indication

The TED has three multi-coloured LEDs to indicate the status and operation of the device, making it easy to use.

Tag battery monitoring

After a tag battery is replaced, use the TED to reset the tag battery counter to monitor the status accurately.

Configurable LF range

Vary the LF range of the TED from 0.5m (1.65ft) up to 2.5m (8.2ft) for maximum flexibility and efficiency.

Micro USB port

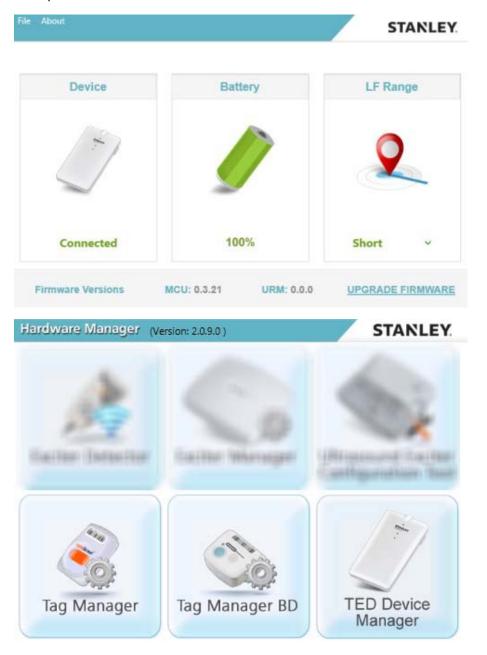Enable quick, easy connection to a PC using the 1m micro USB cable provided.

Hardware Manager kit

The TED uses the Tag Manager applications to complete activation and configuration tasks. The Hardware Manager kit also includes an application for managing the TED device itself, such as viewing status, configuring LF range, and updating firmware.

Compatible with Hardware Manager

TED utilizes the Tag Manager and Tag Manager BD applications, which are part of the Hardware Manager Application to perform specific tasks. Hardware Manager also includes a dedicated application for the TED device, which is used to view the status of the device, configure the LF range and update its firmware.

Specification

Performance	Able to detect and configure up to 80 tags simultaneously
LF range	Short: 0.5m (1.65ft) Medium: 1.5m (4.9ft) Long: 2.5m (8.2ft)
Dimensions	120 x 68 x 20 mm (4.72 x 2.67 x 0.78 in)
Weight	120g (4.23oz)
Operating temperature	0°C to +50°C (+32°F to +122°F)
Humidity	0% to 95% RH non-condensing
Ingress protection	IP30
Battery	4.2V Lithium-Ion rechargeable battery*
Connection	Micro USB port and micro USB 1m cable
Audio	Buzzer, volume level 80dBA at 0.1m*
Radio	Wi-Fi 802.11 (2.4GHz) b/g/n compliant* Bluetooth 4.1 (2.4GHz)* Low frequency receiver (LF) 125KHz Transmission power up to +19dBm (~81mW)
Certification	**Radio:** FCC Part 15, ETSI 300-328, 300-330, 301-489, RSS 210 (Canada), IEC 6100 / EN 60601 **Safety:** CE EN 60950, cTUVus UL 60950, IEC 60601

*Future device features

These features are included in the current device. However, they are disabled and currently not supported. Future features will require a firmware upgrade only.

- LF and US receivers for exciter detection
- Bluetooth module for mobile pairing
- Buzzer for audio indications
- Rechargeable battery

Ordering Information:

Description	Order code
Tag & Exciter Detector (TED) with 1m micro USB cable	TED-1000

Accessories:

Hardware Manager	HWM-1000