

Multitone Electronics plc

Repeater [ESREP] & Location Repeater [ESLOC]

Quick Installation Guide

Installation:

Note: Installation of the EkoSecure repeater should only be carried out by suitably trained personnel. For full installation details please visit www.multitone.com/support

- Ensure that the ESREP is installed with the internal antenna pointing vertically upwards.
- The first repeater must be placed within 15m of the hub and its radio connectivity should be checked before installing the remainder of the repeaters, to ensure a primary link back to the hub is established.
- Mount the repeater on a flat vertical surface, using suitable fixings fitted through the holes under the enclosure lid fixings. Run the mains cable (ESREP only) to a suitably accessible ac mains supply, positioned close to the repeater. *Note:* adding a warning label or security device to the power connection should ensure that the repeater is not accidentally switched off.
- Check that the cable input gland in the repeater case is secured tight and does not allow the mains cable to be twisted, or pushed in or pulled out of the repeater case.
- Ensure the mains power is switched off and fit 2 x Alkaline D-Type batteries, taking note of the polarity and refit the lid.
- For mounting out of doors, suitable weather protection should be fitted to the mains cable and plug installation.
- Repeaters should be placed a maximum of 70m apart and no closer than 15m.
- With the batteries installed and the lid screwed in place, turn on the power supply to activate the repeater

Using an External Antenna

- If using the external antenna, the cable must be passed through the cable gland supplied and fitted to the side of the case through one of the knockouts.
- The internal antenna should be removed and the cable should be connected to the same SMA connector, ensuring no strain is placed on the connector.
- The antenna may be placed in a convenient place to gain maximum coverage as desired and fixed securely using the bracket supplied to a suitably strong fixing point.
- The antenna cable must loop down below the entry point before entering the repeater.

Fuse Replacement

NB: Fully identify the cause of any fault, before replacing with the specified. 5A (T), 250V 20mm fuse only.

Fuse



Mains Supply:

250V AC

Brown: Live

Blue: Neutral

Yellow/Green: Earth

(Note: this product must be earthed)



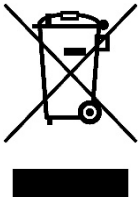
Conformity

This product complies with the requirements of the EU Radio Equipment Directive 2014/53/EU and RoHS Directive 2011/65/EU.

A full copy of the Declaration of Conformity and detailed technical information for this product, may be found @ www.multitone.com, or obtained from your Multitone representative.

Manufacturer address:

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WEEE Directive 2012/19/EU & Product Disposal

At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to Multitone or their agent, for disposal.

