

EkoTek IK10 Repeater

Product No: EKOREP-LVR

Document No: 9262-0485 Issue 1



Box Components

- 1x Repeater Device
- 1 x Rear Mounting Plate
- 2 x Alkaline 1.5v D-Cell Batteries
- 1x Quick Guide
- 1 x IK10-INK - EkoTek IK10 DC Installation Kit

Information

The EkoTek IK10 repeaters are 2.4 GHz network repeaters for use as part of EkoFamily systems. The unit is designed for environments with risk of physical impact damage and ligature concerns.

Power the Device

The EKOREP-LVR has two power options.

1. Battery only
2. DC power with battery backup (in case of DC failure)

DC installation kit is supplied separately. See document 9262-0469 EKOTEK IK10 Repeater and Call Point Installation Guide for information and installation instructions for DC power.

Installation

1. Screw the mounting plate to the mounting surface with a flush fit using the 4 mounting screws provided.

2. Fit batteries into the device. Seal the device shut using the inner plate using the screws provided.
3. Hinge the device unit into the rear mounting plate.
4. Once the device is in place, use the bottom discreet screw to secure the unit in place.



The unit **must not** be installed in areas where explosive gas/hazardous dust are present.

Protect the unit from extreme temperatures and strong magnetic fields. Do not install in strong, direct sunlight. Do not submerge in liquid.

System Configuration

Once installed and powered, access the Ekofamily system Hub web interface and navigate to the configuration menus.

From the Hub Landing Page:

1. Select the Devices Menu to check that the device has been recognised on the system, this should be automatic (depending on system settings- auto register)
2. The Repeater should be listed. Check the device serial number to ensure this is the correct Repeater.
3. Select Device Mode menu. This will enable the configuration of device behaviour
4. Select options and **Submit** to the system

Safety

EkoTek Equipment Installation

Install the equipment away from extreme temperatures and strong magnetic fields, and out of direct sunlight. The equipment may be sited on a desk/shelf, or wall mounted using the key-hole slots on the base plate of the unit.

Note: The warranty and IP66 dust/water ingress protection rating (battery only) and IP65 dust/water ingress protection rating (DC power) for this product is valid only when the equipment is installed by Multitone or its authorised agent.

Note: When installing the EkoTek Call Point Ligature and Vandal Resistant 12VDC Installation Kit supplied with Part No:IK10-INK warranty is only valid if correct screwdriver is used when installing. See section 4.1.2 in 9262-0469 EKOTEK IK10 Repeater and Call Point Installation Guide for information for required screwdriver.

See the Multitone terms and conditions for warranty and liability information.

Hazardous Areas

The EkoTek unit must not be installed in areas where explosive gas or dust products, may be present.

Servicing

This product contains no servicable parts. Should the EkoTek equipment need repairs or servicing, contact the designated service agent to arrange repair or servicing. Do NOT attempt to open or repair the product.

Compliance

EU Territories

This product complies with the requirements of the following EU Directives:

 **Radio Equipment Directive (RED)**
2014/53/EU
RoHS Directive 2011/65/EU (Decision 768/2008/EC Annex II, Module A)

A complete copy of the declaration of conformity for this and other Multitone products may be obtained upon request from supportdesk@multitone.com. Or, contact your Multitone Electronics PLC representative.

This equipment contains low power radio devices and has been tested for compliance with the recognised operational performance and personnel safety working limits specified for such equipment. Should any problems arise in relation to interference affecting signals both to and from the equipment, the apparatus may require repositioning or the fitting of additional filtering components, such as ferrite absorbers or in-line filters. Should such action be deemed necessary, contact either Multitone Electronics PLC or their authorised agents.

Products covered by this Declaration:

Type of equipment: Radio security alarm system
call point/repeater

Model: EKOREP-LVR

Brand Names: Multitone EkoTek© / EkoCare

**WEEE Directive 2012/19/EU & UK S.I.
2013/1113 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.

FCC Statement of Compliance

These devices comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. These devices may not cause harmful interference, and
2. These devices must accept any interference received, including interference that may cause undesired operation.

Unauthorised modification to these equipment will void the user's authority to continue to operate the devices within the scope of the FCC Part 15 Rules.

A full technical specification for these products may be obtained from your Multitone Electronics PLC representative.

Information to user (FCC section 15.105): Class A devices

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.