



REPO+

Radio Repeater with Extended Range

User manual

NE41 07004-02 v2.0

Declaration of Conformity

Hereby NEAT Electronics AB declares that the radio equipment type REPO+ is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

<http://www.neat-group.com/downloads/documentation>



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Important information



Always treat your product with care. Only NEAT Electronics authorized personnel should perform service.

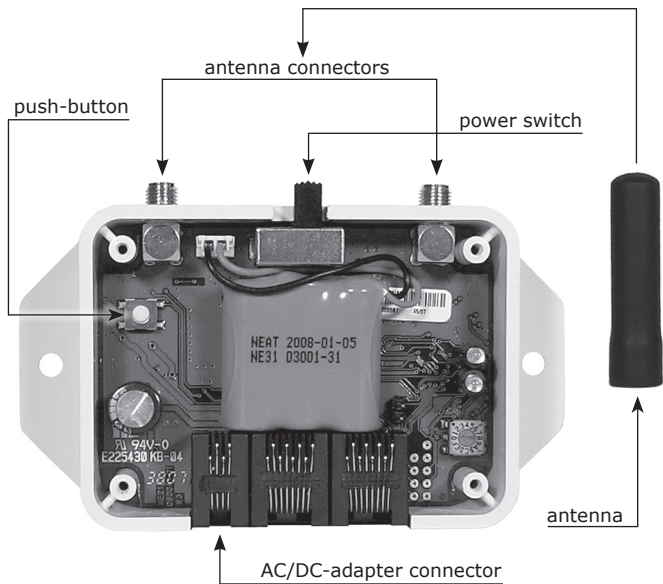


Do not expose your product to open flames, lit tobacco products or temperatures above 60°C.



This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be returned to NEAT Electronics for recycling. The recycling of materials will prevent negative consequences for the environment, human health and help to conserve natural resources.

Overview



Installation

1. To send the radio code that REPO+ uses for technical alarms to the Home Care Terminal, TREX2G or LINK, open the cover and use the push-button inside REPO+, see image on page 3.
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Note! You must keep the button pressed until the red LED is turned off (2 seconds), otherwise the radio code for technical alarms will not be sent.

Refer to the manual for each receiver for information about how to store the radio code.

2. Close and fasten the lid using the screws supplied.
 3. Connect the antennas by screwing them into the antenna connectors.
 4. Mount the REPO+ unit in an appropriate place.
 5. Connect the AC/DC adapter to the jack marked DC . Then connect the AC/DC adapter to a mains outlet in the apartment.
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Only use the AC/DC adapter provided by NEAT.

6. Turn on the REPO+ with the power switch marked ON OFF .

Light Emitting Diodes

The green LED marked **POWER** indicates whether REPO+ is running on mains power or battery power. When mains power is present, the LED burns with a steady green light. When running on battery power, the LED blinks once every 5 seconds.

The red LED marked **ACTIVITY** blinks to indicate that radio transmission is in progress. When no radio signal is transmitted, the red LED is off.

If both the red and the green LED is blinking in phase with each other, the REPO+ unit is not working properly. Please contact NEAT Electronics or your local distributor.

Configuration

Normally no configuration is needed when REPO+ is used to repeat all radio alarms unchanged.

If a custom configuration of REPO+ is needed, this can be achieved with a computer and the software *IOR Family Programmer*. This is described in the *Technical Handbook for the IOR Family*, document number NE41 06007-01

Technical data

Dimension (W x H x D)	65 x 65 x 23 mm (89 x 65 x 23 with flanges)
Antenna height	41 mm
Weight	134 g
Supply power	5V _{DC}
Accumulator power	3.6 V _{DC} , 400 mA NiMH
Frequency _{RF}	868.2, 869.2, 906.2. 916.2 MHz*
Transmisison power _{max}	10 mW (EIRP)

* According to local regulations for social alarms.

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