TREX2G

Portable receiver
User manual

NE41 11005-02 v1.4

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EU Notes

When the device is used it complies to essential requirements and relevant provisions. A complete Declaration of Conformity can be obtianed from the address below (see “Contact”)

US Notes

FCC ID: 2AGLF0923901

Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Ulrik Lundberg
Managing director

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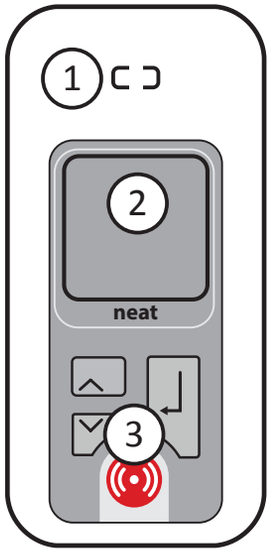
In the package

1 x TREX2G unit
1 x AC adaptor, 230V*
1 x USB Mini adaptor
1 x This user manual

**Depending on market, different AC adaptors are sold, please see "Recommended AC adaptors" on page 16.*

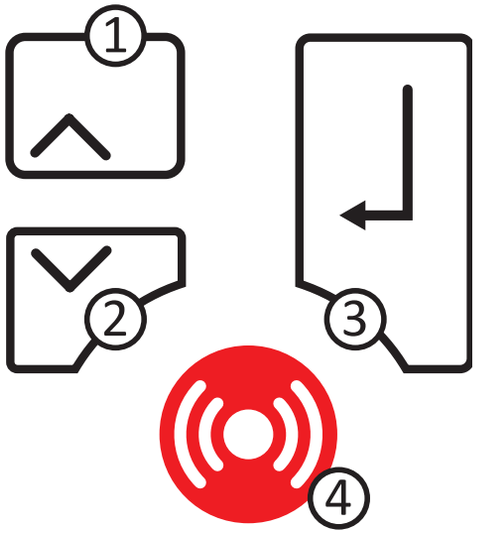
Should any part be missing, please contact your distributor.

TREX2G unit



#	Denomination
①	Loudspeaker
②	Display
③	Keypad

The keypad



#	Denomination
①	Arrow up (B1)
②	Arrow down (B2)
③	Return (B3)
④	Alarm buttom (B4)

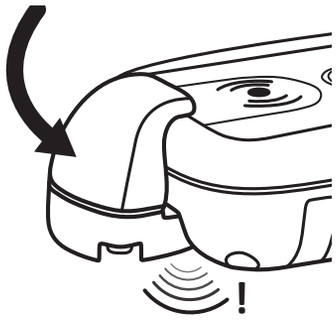
Power supply

Before using the device for the first time, the battery should be fully charged.

Mains charger

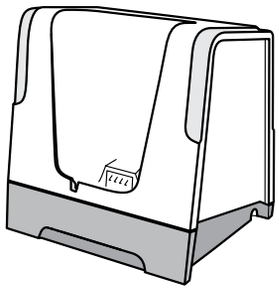
The AC Adaptor can be used either with the MiniUSB Adaptor (included) or the Charging Cradle (optional).

MiniUSB-adaptor (included)



Connect the AC adaptor to the TREX2G with the MiniUSB adaptor. Snap the Mini USB adaptor to the bottom of the unit from keyboardside down, all the way until it snaps on its place on the back cover.

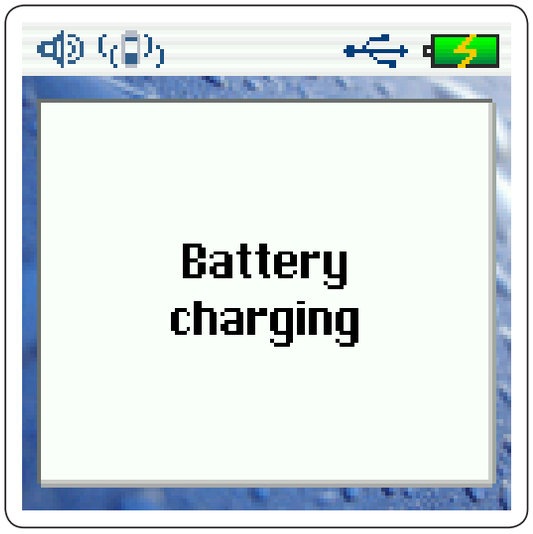
CHARGE charging stand (optional)



Connect the unit's USB cable to CHARGE and either the accompanying AC Adaptor or a computer USB port.

CHARGE ONLY supports configuration in Single Kit!

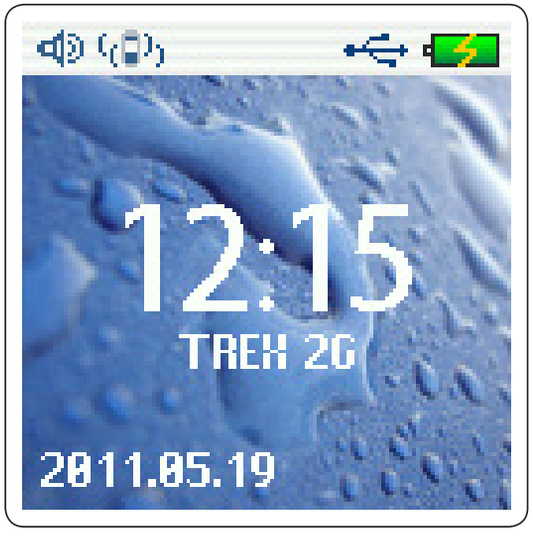
If TREX2G is powered on when connecting the mains charger, the **Battery charging** pop up screen appears.



TREX 2G first setup

Power on

Press **B1** and hold for 3 seconds. After start up, the home screen is displayed.



Power off

Press **B1** for 3 seconds
(remove USB cable before power off).

General functions

- Navigate up and down in the menus by pressing **B1** and **B2**.
- The present value is highlighted in blue.
- Confirm/enter/select a value/setting by pressing **B3**.
- Return to the home screen by selecting **Quit** from the main menu.
- Selecting **Back** in a menu, returns to the previous menu.
- Selecting **Back** and pressing/holding **B3**, returns directly to the home screen.
- Pop up screens closes automatically after 5 seconds.

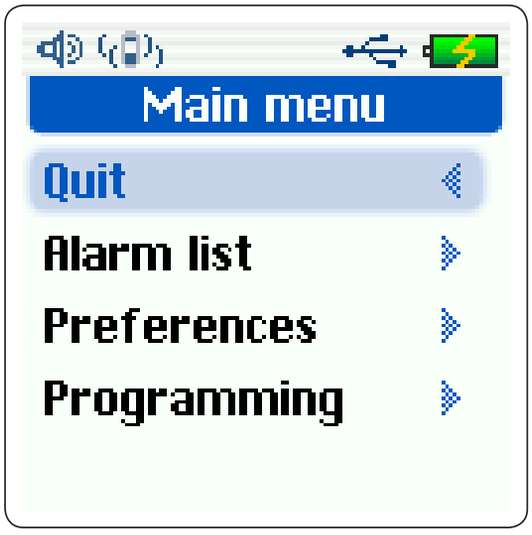
Statusbar

The six icons in the statusbar are from left to right:

- Sound on
- Vibration enabled
- New alarm
- RFID enabled
- USB connected
- Battery charging/battery status

Enter the menus

Enter the menus by pressing **B2**.



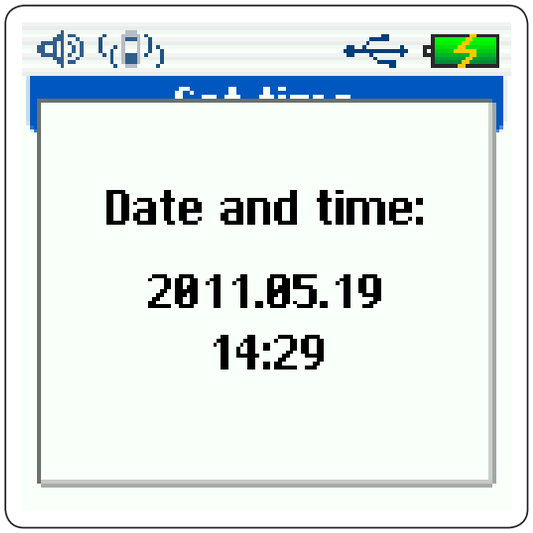
Set time and date

Set the date and time in the **Main menu > Preferences > Date and time**.

Select hours and minutes by pressing **B1** and **B2**, confirm by pressing **B3**.

Repeat for the date.

After confirming date/time, the current date/time is displayed.



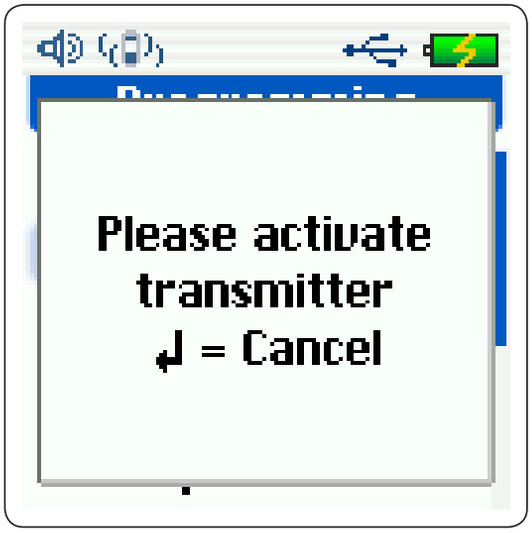
Transmitters

Adding a transmitter

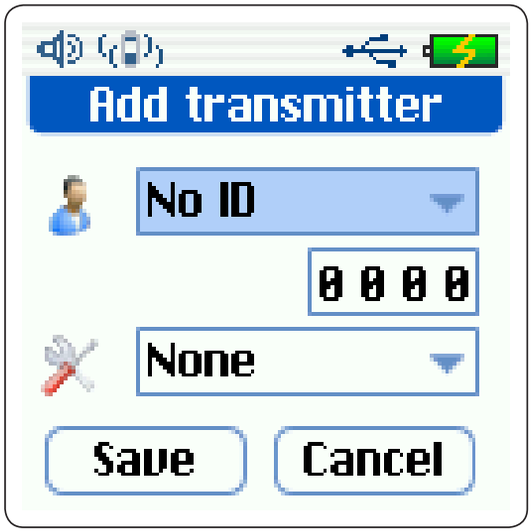
Example: adding an ATOM, used in Room 1.

Go to **Programming** > **Add transmitter**.

A popup window appears, asking for activation of the transmitter.

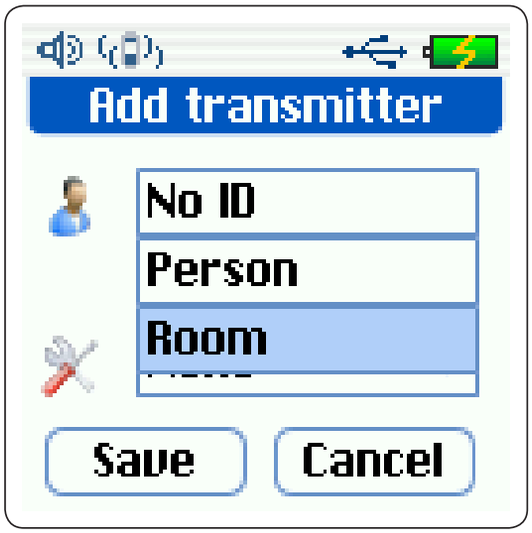


Activate the transmitter. When a transmitter is received, the TREX2G displays the **Add transmitter** screen.

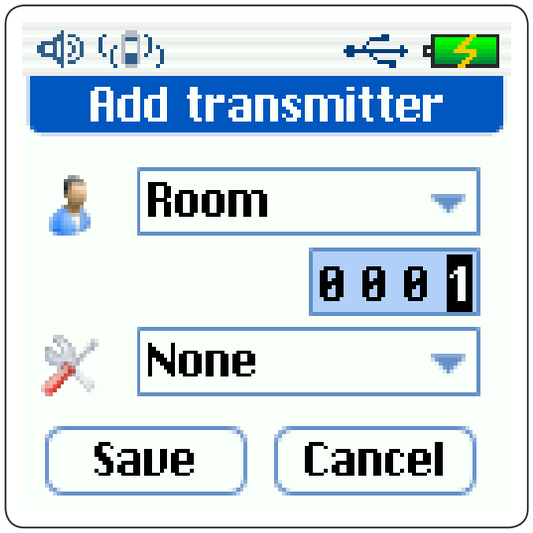


Select identification

Select **Room** from the drop-down list and confirm.

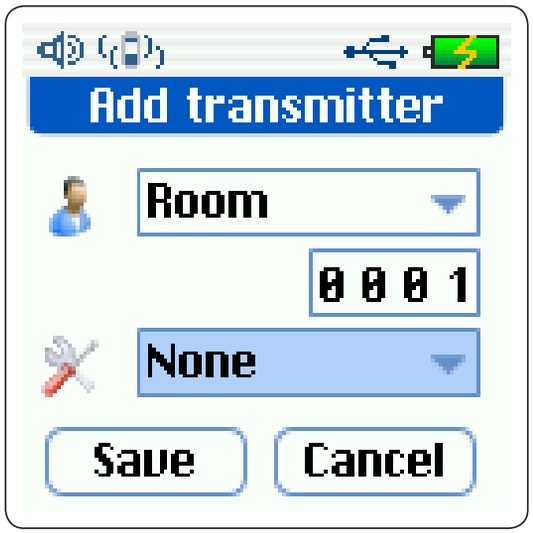


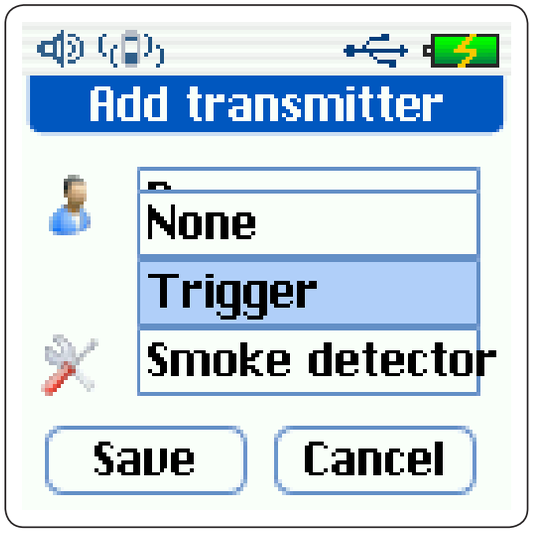
Scroll down to the four digit field just below and enter the number **1** in the rightmost position.



Select equipment

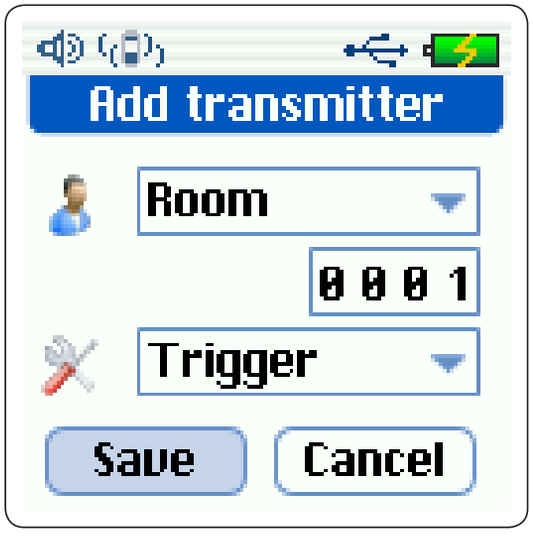
Select **Trigger** from the equipment dropdown list.





Confirm selection by pressing **B3**.

Select **Save** to confirm the transmitter settings or **Cancel** to discard.



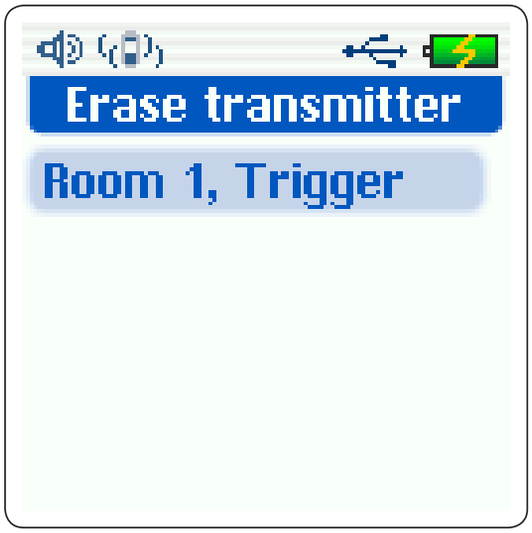
Saving is confirmed.

The transmitter is saved.

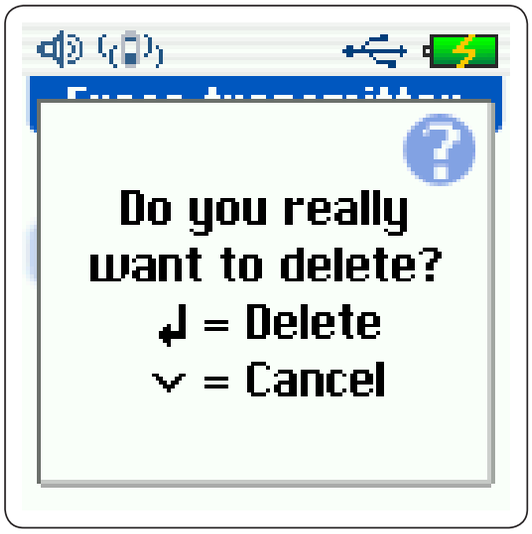
Erase a transmitter

Go to **Programming > Erase transmitter**.

Select transmitter and press **B3**.



Select **B3** to delete (or **B2** to cancel).



The transmitter is erased.

Positions

For more information about adding/ erasing positions, please refer to the D-POS/D-ATOM Positioning system Technical Handbook, NE41 08001-02.

Receiving alarms

Activate an added transmitter. TREX 2G beeps and a popup window appears displaying the alarm.

*The lettersymbol in the topbar indicates that this is a new alarm and the **1(1)** in the bottom indicates this is the first alarm of a total of 1 new alarms.*

The data displayed is:

- The transmitter (**Room**) and number (**1**).
- The equipment (**Trigger**).
- The alarm reason (**Alarm**).

Press **B3** to acknowledge the alarm and close the popup screen.

To look at the alarm again, enter **Alarm list**. Select the alarm and press **B3**. The alarms are sorted as newest alarms first.

The alarm is displayed except for the letter symbol and now the bottom indicates **0(0)**, i.e. no new alarms.

Press **B1**/**B2** or **B3** to return to the Alarm list.

It is not possible to delete alarms from the alarmlist!

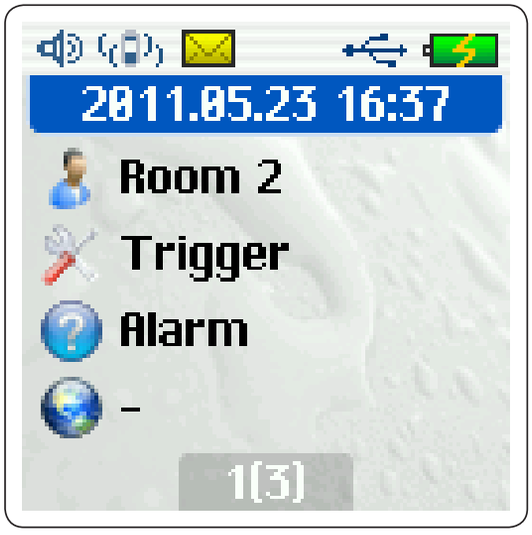
Multiple alarms

Normal mode

If two or more alarms are received at the same time, the displays shows how many new alarms is received.

As long as the alarms are not acknowledged TREX2G alerts with sound and vibratation. To silence, press **B2**. The alarm popup remains on the screen.

Press **B3** to display the first/oldest latest alarm in the list, indicated by the **1(3)** (I.e. the first/oldest alarm of a total of three new alarms) in the bottom.



Pressing **B3** again will acknowledge this first/oldest alarm and directly display the second alarm in the list, indicated by **1(2)**.

To acknowledge the alarms in consecutive order, keep pressing **B3**.

Alarm list browsing

However, if the user wishes NOT to acknowledge the first/oldest alarm in the list, browse the alarms in the popup list and press **B3** to acknowledge the alarm desired. The popup list will remain on screen until the user or someone else acknowledges the alarm(s).

It is not possible to navigate in the TREX 2G without acknowledging the remaining alarms.

Log mode

In log mode, only the last/newest alarm is displayed on the alarm popup screen. The user must enter the alarm list from **Alarm list** to acknowledge other alarms.

The letter symbol in the status bar indicates there are new, unhandled alarms in the list.

Assistance alarm

Press and hold the **B4** for 3 seconds to send an assistance alarm (default is emergency alarm)to all other TREX 2Gs in the system.

When it has been sent, the pop up screen below appears.

Misc settings

Other settings

Sound

Adjust the sound in Preferences > Sound level.

Vibration

Enable or disable vibration in Main menu > Preferences > Vibration.

Backlight

Enable or disable the automatic backlight function and set the corresponding timeout parameters in Main menu > Preferences > Back light.

*Selecting **backlight always on**, significantly reduces battery operating time.*

Tech info

Displays technical information about the TREX2G.

Advanced settings

The settings below are further explained in TREX 2G Technical handbook.

Receive mode

Decides whether the TREX2G should receive alarms from:

- Programmed transmitters (default)
- All transmitters

Configuration

Select whether the TREX2G is alone in a system.

- One TREX2G
- Many TREX2G (default)

Frequency

Select what frequency the TREX2G should operate in.

Alarm display

Select whether alarms should be displayed in

- Normal mode (default)
- Log mode

TREX 2G Technical handbook

The TREX2G Technical handbook, NE41 11004-02, describes the functions in TREX2G more detailed and also how to use the programming software, TREX2G Programmer.

TREX 2G Programmer

TREX2G is a a powerful tool to configure and customize the TREX2G. All parameters and values in the TREX2G can be programmed with this software.

The software can be downloaded from our homepage. Contact your distributor for more information.

Troubleshooting

Q: The TREX2G does not start

A: Is the battery fully charged?

A: Is the TREX2G connected via USB to a computer? If yes, disconnect and try again.

Q: The TREX2G does not respond to alarms from transmitters

A: Is the transmitter correctly added to the TREX2G? See “Adding a transmitter”.

Important

Safety Notes

- Read instructions prior to use
- Always test the system per instructions prior to use and always check the function of the product after making adjustmentsThis product may not be suitable for all persons.
- This product should not be a substitute for the routine visual monitoring protocol by caregiver and must not be used in situations where a delay in the arrival of appropriate medical care, could lead to a potentially life-threatening situation.
- Our units are NOT intended for any life support device, thus intending a device whose malfunction may result in damage to a life.
- Check the device regularly and replace when necessary.
- Do not integrate to other systems other than those specified in this document.
- The product will not cause electromagnetic disturbances under normal working conditions.
- The product can be placed near other products or devices as long as mechanical vibration is not present.
- Remove batteries if the unit is to be out of use or stored for an extended period of time.

Use

- Use only original parts.
- Keep away from dust, moist and dirt.
- Do not drop, knock, twist or shake the device.
- Do not warm up the device or use it near fire.
- For repairs, contact a NEAT dealer.

Cleaning

- All parts in the product kit can be cleaned with a mild soap solution and a damp cloth. Dry with a dry cloth.
- Strong chemicals, alcohol, grease or other harsh substances must not be used when cleaning or handling the parts in the product kit.
- The product must be disconnected from the power socket before cleaning.
- After cleaning, control that the product works properly by sending a test alarm to the alarm receiver/central.

Disposal

At the end of the product's use life, please dispose of it at appropriate collection points provided in your country. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (EIA, www.eiae.org). In the European Union, the bin label indicates that this product should not be disposed of with household waste. It should be deposited at an appropriate facility to enable recovery and recycling or returned to NEAT Electronics.

Technical data

Battery standby time	Approx. 8 days
Measures (W x H x D)	48 x 100 x 21 mm
Weight	Approx. 60g, including battery
Temp range	+5 - +55°C
Battery type	Li-Po, 600 mAh

RF-Frequency (market depending)	
EU	868.7 MHz
	869.2 MHz (Social alarms, Category I)
	869.4 MHz
US	916 MHz

Recommended AC adaptors

AC Adaptors (market depending)	
EU	NE31 07006-13, $5V_{DC}$ 1A
UK	NE31 07006-09, $5V_{DC}$ 500 mA
US	NE31 15006-01, $5V_{DC}$ 1A