# TREX 2G

**Portable transceiver**
**User manual**

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www. neatelectronics.se

NEAT Electronics AB
Varuvägen 2
SE-24642 Löddeköpinge
Sweden

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NEAT Electronics declares that this mobile device, type NE10 09239-01, is in compliance with the essential requirements and other relevant provisions:

**Directive:**
1999/5/CE (RTTE)
2004/108/EC (EMC)
2006/95/EC (LVD)

**Standards:**
EMC:
EN 301 489-1 V1.8.1(2008)
EN 301 489-3 V1.4.1 (2002)

Radio:
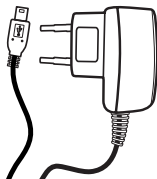EN 300 220-2 V2.3.1 Category III

Low Voltage:
EN 60950-1:2006+A11:2010

Martin Hagbyhn
Managing director

# *Contents*

# *In the package*

- 1 x TREX 2G unit
- 1 x AC adaptor, 230 V



- 1 x MiniUSB adaptor



- This User manual

Should any part be missing, please contact your distributor.

## *The keypad*



Arrow up

Arrow down

Return button

Alarm button

## *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).

#### *MiniUSBadaptor (included)*

Connect the AC adaptor to the TREX 2G 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.

#### *Charging cradle (optional)*

When using the cradle, first place the bottom towards the charging pins in the cradle and then lie the top down.



*Configuration is NOT supported by the cradle, it is only possible with the MiniUSB Adaptor.*

If the TREX 2G is powered on when connecting the TREX 2G to the mains charger, the "Battery charging" pop up screen appears.



Battery charging

## *TREX 2G first setup*

### *Power on*

Press the Arrow Up button and hold for 3 seconds and after start up, it displays the main screen.



### *Power off*

Press Arrow up for 3 seconds (remove USB cable before power off).

## *General functions*

- Navigate up and down in the menus by pressing the Arrow up and Arrow down.
- The present value is highlighted in blue.
- Confirm/enter/select a value/setting by pressing the Return button.
- Return to the main screen by selecting "Quit" from the main menu.
- Selecting "Back" in a menu, returns to the previous menu.
- Selecting "Back" and pressing/holding the Return button, returns directly to the main screen.
- Pop up screens close down 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 Arrow down.



## *Set time and date*

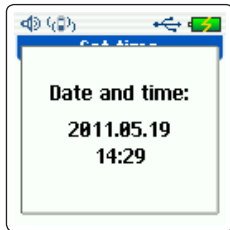Set the date and time in the Main menu>Preferences>Date and time.



Select hours and minutes by pressing Arrow up and Arrow down, confirm by pressing Return.



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 Main menu>Programming>Add transmitter. A popup window appears, asking to activate the transmitter.

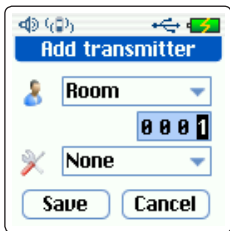Activate the transmitter. When a transmitter is received, the TREX displays the "Add transmitter" screen.



***Select identification***

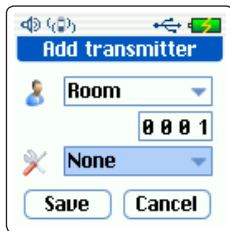Select "Room" from the drop-down list and confirm.



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.

Saving is confirmed.



Confirm selection by pressing Return.

Select "Save" to confirm the transmitter settings or "Cancel" to discard.
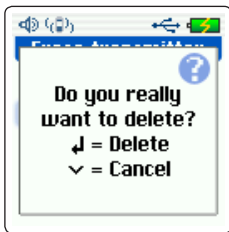
### *Erase a transmitter*

Go to Main menu>Programming>
Erase transmitter.



Select transmitter and press "Return".



Select "Return" to continue deletion or "Cancel" 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.

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## *Receive an alarm*

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 .*
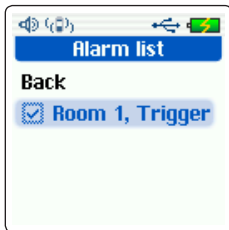
The data displayed is:

- The transmitter (ROOM) followed by its number (1).
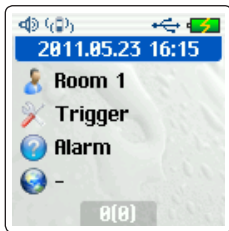- What equipment this is (Trigger).
- The alarm reason (Alarm).
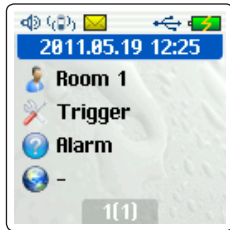


Press "Return" to acknowledge the alarm and close the popup screen.

To look at the alarm again, enter Main menu>Alarm list. Select the alarm and press "Return". The alarms are listed as newest first.



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

Press Arrow up/down or Return to return to the "Alarm list".

NB! It is not possible to delete alarms from the alarmlist.

## *Multiple alarms*

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, the TREX 2G will alert with sound and vibratation. To silence, press the Arrow down. The alarm popup remains on the screen.

Press Return to display the first/oldest latest alarm in the list, indicated

by the 1(3) (Ie. the first/oldest alarm of a total of three new alarms) in the bottom.
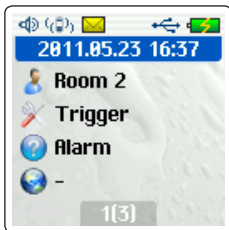


Pressing Return again will acknowledge this first/oldest alarm and directly display the second alarm in the list, indicated by 1(2).
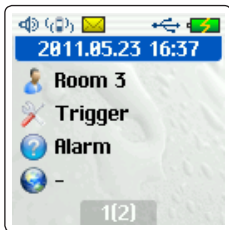
To acknowledge the alarms in consecutive order, keep pressing Return.

### *Alarm list browsing*

However, if the user wishes NOT to acknowledge the first/oldest alarm in the list, simply use the arrow buttons to browse in the list and press return to acknowledge an alarm requested. All other alarm will then remain in the list until the user or someone else acknowledges the alarm(s).

## *Assistance alarm*

Press and hold the Alarm button for 3 seconds to send an assistance alarm to all other TREXes in the system.

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



## *Misc settings*

### *TREX 2G Technical handbook*

The TREX 2G Technical handbook, describes the functions in TREX 2G more detailed and also how to use the programming software, TREX 2G Programmer.

## TREX 2G Programmer

TREX 2G is a a powerful tool to configure and customize the TREX 2G. All parameters and values in the TREX 2G can be programmed with this software.

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

## Other settings
### Sound

Adjust the sound in Main menu>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.

⚠️ *By selecting backlight "always on", battery life is significantly reduced.*

### Tech info

Displays technical information about the TREX.

## Advanced settings

These settings are further explained in TREX 2G Technical handbook.

### Receive mode

Decides whether the TREX 2G should receive alarms from:
• Programmed (default) transmitters
• All transmitters

### Configuration

Select whether the TREX 2G is alone in a system.

• One TREX 2G
• Many TREX 2G (default)

### Frequency

Select what frequency the TREX 2G should operate in.

### Alarm displayVisning av larm

Select whether alarms should be displayed in

• Normal mode (default)
• Log mode

## *Troubleshooting*

#### *Q: The TREX 2G does not start*

A: Is the battery fully charged?

A: Is the TREX 2G connected via USB to a computer? If yes, disconnect and try again.

#### *Q: The TREX 2G does not respond to alarms from transmitters*

A: Is the transmitter correctly added to the TREX 2G?
e "Adding a transmitter".

## *Safety Notes*

• Do not attempt to open the unit or the charger. For repairs, contact a NEAT dealer.

• The battery has a limited operating time. Battery replacement must be carried out by trained service personnel only.

• Use only original charger, art no: NE31 05001-06.

## *Care and maintenance*

• Do not expose to direct sunlight.

• 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.

• Clean the device with a soft cloth, dampened slightly with mild soapy water. Do not clean the device with harsh chemicals, solvents or other corrosive substances.

## *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 | 868.7 MHz |
| | 869.2 MHz (Social alarms) |
| | 869.4 MHz |