

# CHARGE

Charging station for TREX 2G/D-TREX 2G/NEMO

User manual

NE41 12006-02 v1.3

Information in this User manual is subject to change without notice.

NEAT Electronics AB reserves the right to change or improve their products and to make changes to the content without obligation to notify any person or organization of such changes or improvements.

NEAT Electronics AB is not responsible for any loss of data, income or any consequential damage whatsoever caused.

For more information, details and descriptions, visit our web site:

[www.neat-group.com/se/en](http://www.neat-group.com/se/en)

NEAT Electronics declares that this device, CHARGE, is in compliance with the essential requirements and other relevant provisions.



Ulrik Lundberg  
Managing director

NEAT Electronics AB  
Varuvägen 2  
SE-246 42 Löddeköpinge  
Sweden

Document number: NE41 12006-02 v1.3  
Revision date: 2015-03-18

All rights reserved.

© Copyright 2015 NEAT Electronics AB

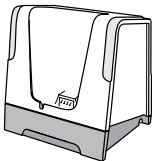


## Contents

<b>General function</b>	<b>3</b>
Single use	3
Multi use	3
<b>CHARGE contents</b>	<b>4</b>
Single use kit	4
Multi use kit	4
<b>Single use</b>	<b>4</b>
Charging from the AC outlet	4
Charging/programming with a PC	5
<b>Multi use</b>	<b>5</b>
Joining the units	5
Multi use connections	6
<b>Care and maintenance</b>	<b>6</b>
<b>Technical data</b>	<b>7</b>

## General function

The loading dock CHARGE is a charging and programming accessory for TREX 2G, D-TREX 2G and NEMO.



The charging station can be used alone (i.e. Single use) or connected with up to 10 units (i.e. Multi use).

### Single use

If the charging station is used as Single use it can be used for both charging and programming of a connected TREX2G/D-TREX 2G/NEMO.

### Multi use

When used as Multi use up to 10 units can be charged simultaneously, using only one AC adaptor (NE31 07006-10/11).

The cradle does not support programming in Multi use.

## CHARGE contents

### Single use kit

The Single use kit only contains the cradle and this user manual. In Single Use, CHARGE is intended to be used with the AC adaptor that came with the unit.

Parts:

1 x NE10 11222-01 - CHARGE cradle

1 x this user manual

### Multi use kit

The Multi use kit contains, apart from the cradle, the necessary parts to connect multiple CHARGES.

Parts:

1 x NE10 11222-01 - CHARGE cradle

1 x NE32 11006-03 - CHARGE connecting piece

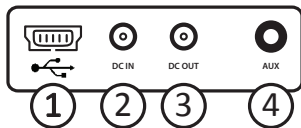
1 x NE31 11004-01 - CHARGE connecting cable

1 x this user manual

In order to use a Multi use kit, a corresponding AC adaptor must also be used, see “Technical data” on page 7 for article number (sold separately).

### Connectors

In the back of the CHARGE unit are the connectors for AC and/or USB.



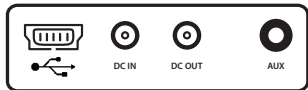
### # Denomination

1	Mini-USB connector
2	DC in
3	DC out
4	AUX (not used)

### Single use

#### Charging from the AC outlet

Connect the AC adaptor accompanying the TREX 2G/D-TREX 2G/NEMO to the wall socket and the USB outlet .



AC/USB

CHARGE can now be used for charging but can not be used for programming.

### **Charging/programming with a PC**

Connect the accompanying TREX 2G/ D-TREX 2G/NEMO USB cable to the USB outlet on the PC and the other in the CHARGE.

Now CHARGE can be used to charge and simultaneously supports programming (requires a separate installation of compatible software). Contact your distributor or NEAT Electronics for more information.

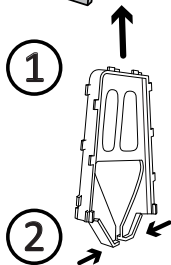
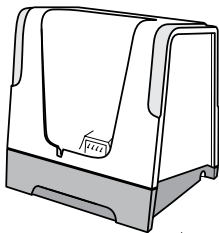
### **Multi use**

#### **Joining the units**

To use CHARGE in multi use, ie. join up to 10 cradles for simultaneous charging with just 1 AC adaptor, a connector piece (supplied in the Multi use kit) is used to join the cradles.

Attach the connector piece on the side of a cradle by sliding it upwards along the side (1). Of the the connecting piece does not “click” in place by it self, a gentle press on the flanges might help (2).

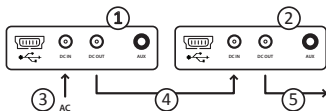
When the required number of cradles are connected (max. 10) the connecting cables and AC adaptor must be connected.



## Multi use connections

Between the connected cradles, use the connecting cable (included in the Multi use kit).

The separate AC adaptor is connected to the first CHARGE cradle in the chain in the outlet marked DC IN.



### # Denomination

1	CHARGE #1
2	CHARGE #2
3	AC adaptor
4	Connector for connecting cable to CHARGE#2
5	Connector for connecting cable to the next unit and so on.

The connector cable (NE31 11004-01) is connected in the sockets DC OUT and DC IN.



*Please note that the connecting cable must be connected according to the picture above! The max number of CHARGES that can be joined and powered by one power supply is 10 pcs.*

## 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.
- Dispose of properly. The worn out product must be returned to a recycling facility for proper disposal or return it to NEAT Electronics.
- Do not attempt to open the unit or the charger. For repairs, contact a NEAT dealer.
- Use only original parts.

## Technical data

### CHARGE cradle, NE10 11222-01

Temp. range	+5°C to +40°C
Weight	Approx. 135 g

### AC Adaptor (EU): NE31 07006-10

Current <sub>max</sub>	3000mA
Voltage <sub>nom</sub>	5V
Temp. range	+5°C to +40°C
Weight	Approx. 140 g

### AC Adaptor (GB): NE31 07006-11

Current <sub>max</sub>	3000mA
Voltage <sub>nom</sub>	5V
Temp. range	+5°C to +40°C
Weight	Approx. 140 g

**NEAT Electronics AB**

[www.neatelectronics.se/en](http://www.neatelectronics.se/en)