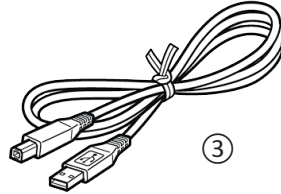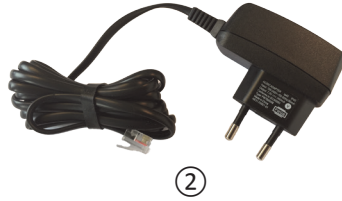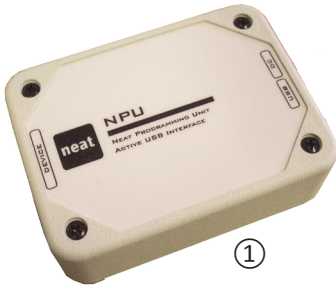# NPU
User Manual

NPU kit contents

The list below shows the included parts in the package. If any part is missing or is defect, please kontakt your reseller or distributor.

#	Denomination	#	Denomination
①	NPU Unit	③	USB cable
②	AC adaptor		

We, NEAT Electronics AB, Varuvägen 2, 246 42 Löddeköpinge, SWEDEN, hereby declare under our sole responsibility that this product, NPU, is in conformity with the directives: 2014/30/EU (EMC), 2014/53/EU (R&TTE), 2014/35/EU (LVD), 2011/65/EU (RoHS2) and conforms to the following product specifications:

Safety	En 60950-1:2006+A1+A2+A11+A12:2011
EMC	EN 301 489-1 v1.8.1, EN 301 489-3 v1.4.1
Radio	EN 300 330-1 v1.5.1, EN 300 330-2 v1.3.1
Environmental	EN 50134-2:2000, EN50134-3:2002

Ulrik Lundberg
Managing Director

1   Introduction

NEAT Programming Unit (NPU) is a programming tool which can be used with most NEAT products. The NPU is connected to a computer and to the designated product by cable. Different programming software can be installed on a PC to change settings in e.g. NEO, NEO IP, NEO IP/GSM, TREX2G, IOR family (IOR INKA, LINK, REPO), DOOR etc..

The NPU has an integrated transmitter and receiver and can communicate with NEAT products with no cable connection, e.g. ATOM, D-ATOM, I-ATOM etc..

2   Connecting the NPU

Picture 1.   Connectors and cables on the NPU

#	Denomination
①	Neat Programming Unit (NPU)
②	DC connector
③	USB connenctor
④	Device cable

Table 1.   NPU cable and connectors denominations

1. First connect the NPU ① to the AC adapter ②. The connect the NPU to the AC connector on the designated product with the device cable ④.
2. If the device does not have a cable connection programming is done by radio. The cable from the socket marked "Device" on the NPU is then not used.
3. Last, connect the NPU to a USB socket on the computer ③.

3 NPU cable adapter (optional accessory)

Some of NEAT's products (e.g. TREX and DOOR) have a smaller connector (Mini USB) which requires a special adapter between the device cable on the NPU and the unit, see Picture 2 below. This can be obtained from your distributor. Denna kan .

Picture 2.   NPU cable adapter

4 Install and run a software

- On our website (www.neat-group.com/se/en/downloads) there are free software for many of the NEAT products. Login credentials are supplied by your distributor.

Do NOT connect the NPU to the computer before installing the software.

- The first time a product software is installed the NPU drivers must also be installed. This is only required once.
- After installation of the software a shourtcut is created on the computer desktop, see Picture 3.
- To start the software, double click the shortcut.

Picture 3.   Example of Software shortcut