

neat

USER GUIDE



LINK

RADIO RECEIVER

NARROW BAND 869 MHz

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Important Information



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

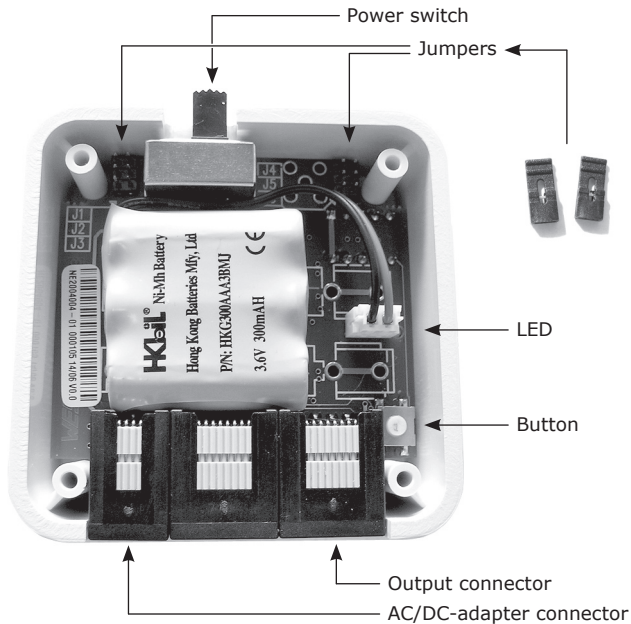


Do not expose your product to open flames, lit tobacco products or temperatures above 60°C.



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 change the configuration of the LINK, remove the lid and mount or remove jumpers. The jumper settings are described on pages 6-7 in this manual.
2. Connect alarm transmitters to LINK as described in pages 8-9 in This manual.
3. Close and fasten the lid using the screws supplied.
4. Mount the LINK in an appropriate place.
5. Connect the output to the jack marked **OUT**.
6. Connect the AC/DC adapter to the jack marked **DC**.
Then connect the AC/DC adapter to a mains outlet in the apartment. Only use the AC/DC adapter provided by NEAT, part no. NE31 03001-01.
7. Turn on the LINK with the switch marked **ON OFF**.

Configuration

LINK is configured by mounting or removing jumpers on the circuit board inside the unit, as shown in the image on page 4. Please restart the LINK after changing the jumper configuration.

For advanced configuration, the computer program *IOR Programmer* can be used. This is described in the *Technical Handbook for INKA, IOR, REPO & LINK*, document number NE41 06007-02.

Detected Alarm Transmitters

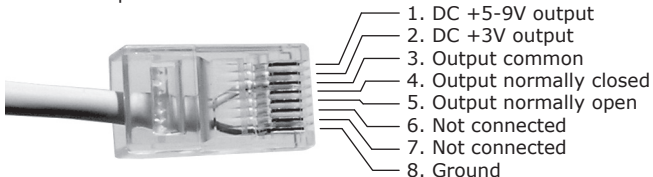
LINK can be configured to detect all alarms or only alarms from up to 8 pre-programmed transmitters. This is determined by jumper J1 inside LINK.

Jumper	ON (mounted)	OFF (not mounted)
J1	Detect only pre-programmed	Detect all alarms

How to program an alarm transmitter into LINK is explained on pages 8-9 in this manual.

Output

The output is connected to the jack marked **OUT**. The pin layout is shown in the picture below.



The output can be configured in one of the following three modes.

Pulse mode In this mode the output relay will be closed for 3 seconds when an alarm is received (see foot-note).

Toggle mode In this mode the output relay will change state when an alarm is received.

Static mode In this mode the output state will only change when special on and off commands are received from the home care phone.

The output mode is configured by jumpers J4 and J5 inside LINK.

J4	J5	Output Mode
OFF	OFF	Pulse mode
OFF	ON	Toggle mode
ON	OFF	Static mode

Note: With *IOR Programmer* (see page 7), it is possible to change the time that the relay is closed in pulse mode.

Connecting an Alarm Transmitter to LINK

The LINK output can be activated from an alarm transmitter such as ATOM or INKA. If an ATOM is programmed into LINK, the LINK output will be activated each time the button on that ATOM is pressed.

Up to 8 different alarm transmitters can be programmed into the same LINK. Only alarm transmitters that have been programmed into an LINK will activate its output.

To program an alarm transmitter into LINK, follow these steps:

1. Choose a transmitter number **X** between 1 and 8. Two alarm transmitters can not have the same transmitter number in one LINK.
2. Remove the lid of the LINK. Press and hold the button inside LINK while switching LINK on.
3. Wait until the LED inside LINK flashes **X** times and then release the button.
4. Activate the alarm transmitter.
5. The LED inside LINK flashes once to indicate that the radio code from the alarm transmitter is stored.

Note: With *IOR Programmer* (see page 7), LINK can be configured so that all alarm receivers will activate its output, also those that are not programmed into LINK.

Controlling LINK from Home Care Phone NEO

The NEO can be programmed to activate the output of a particular LINK, either when the alarm button on the NEO is pressed or by command from the alarm central.

Before starting, you must decide which receiver position **P** to use in the NEO. If the LINK output shall be activated by pressing the alarm button on the NEO, any position can be chosen. However, you must use the *NEO Programmer* to change the alarm type for that position to *Send radio on alarm*.

If the LINK output shall be activated by command from the alarm central, position 8 shall normally be used unless the alarm central has informed you otherwise.

To program NEO to activate the output of an LINK, follow these steps:

1. Remove the lid of the LINK.
2. Press and hold the grey button on NEO while switching NEO on.
3. Wait until **P** beeps are heard, then release the button.
4. Press and hold the button inside LINK for more than 3 seconds and then release the button.
5. The home care phone sounds and indicates that the radio code from LINK is stored.

Declaration of Conformity

We NEAT Electronics AB, Varuvägen 2, 246 42 Löddeköpinge, declare under our sole responsibility that our product LINK, NE10 04004-08, is in conformity with the directives 1999/5/CE, 73/23/CE and 89/336/CEE and conforms to the standards:

Safety: EN60950-1:2001

EMC: EN 301489-3 v1.4.1 Class I

Radio: EN 300220-3 v1.1.1

Löddeköpinge, October 2005



Lars Nyström
Managing director NEAT Electronics AB



www.neatelectronics.com

NEAT Electronics AB
Varuvägen 2
246 42 Löddeköpinge
SWEDEN