NET-BOX

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IT **Programmatore per radiocomandi e dispositivi NETLINK**
Istruzioni d'uso ed avvertenze

EN **NETLINK radio control and device programmer**
Operating instructions and warnings

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DE **Programmierer für NETLINK Funksteuerungen und Geräten**
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Instrucciones de uso y advertencias

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PL **Programator dla sterowników radiowych i urządzeń NETLINK**
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Инструкции и предупреждения

www.deasystem.com



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NET-BOX

NETLINK radio control and device programmer
Operating instructions and warnings

1 PRODUCT DESCRIPTION

NET-BOX is a work tool that lets you customise **DEA** radio controls and device settings with NETLINK technology.
Visit **https://cloud.deasystem.com** to view your installations and use NET-BOX.

2 TECHNICAL DATA

Power supply: Connected to a PC, NET-BOX is powered via the USB cable with maximum 2W consumption.

NET-BOX can be powered by connected a 24 Vdc 700mA power supply to the POWER 24 terminal on the internal board. This power mode is necessary to allow any compatible accessories to operate.

Dimensions: 150x100x45 mm

Operating temperature: -10°C ÷ +50°C

3 WARNINGS

ATTENTION Any installation, maintenance, cleaning or repair operations on the entire system must only be carried out by qualified personnel. Always operate with the power supply disconnected and scrupulously follow all regulations in force in the country of installation regarding electrical plants.

ATTENTION The use of spare parts not indicated by **DEA** and/or incorrect assembly may cause hazardous situations to people, animals and property; they may also cause product malfunctions; always use the parts indicated by **DEA** and follow the assembly instructions.

ATTENTION In compliance with EU Directive 2012/19/EU on waste electrical and electronic equipment (WEEE), this electrical product should not be treated as municipal mixed waste. Please dispose of the product and bring it to the collection for an appropriate local municipal recycling.

4 USE

Program the radio control encryption key and serial number

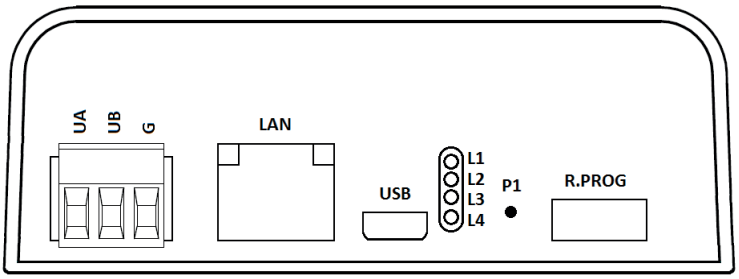
NET-BOX lets you program and personalised encryption key and serial number for **DEA** compatible radio controls. Programming can be wired with the specific GT-CABLE (art.470351) or wireless with clonable radio controls.

Programming control centres and external receivers

Connect NET-BOX to NETLINK devices to set its parameters and radio controls.
It can only be used from remote if NET-BOX is connected to the Internet via the LAN port or compatible accessory.

5 CONNECTORS AND SIGNAL LED

Connectors, signal LEDs and the reset button are frond on the front:



• **R.PROG** is the GT-CABLE (art.470351) port used to edit compatible radio controls (GTI, GTIM, GTI/868, GT, GTM, GT/868, TR and TS series). A new serial number can be entered or the encryption key used in radio transmissions changed via this cable. For GTIM and GTM versions, these operations can be completed by placing the transmitter in the area of the NET-BOX marked with the DEA logo and pressing the T1 and T2 keys simultaneously.

• **USB** is the PC Windows connection port. Install **"DEAconnect"** software to enable communications with DEAcloud.

• **UART1** is the removable terminal to connect the **DEA** device to be programmed. Secure the cable with the new (art. 397227) or previous (art. 397223) MOLEX tray following the instructions below:

UA: Green, **UB**: Yellow, **G**: White.

The UART2 terminal is found in the NET-BOX internal circuit to connect a second device matching the cable colours.

• **LAN** is the port that can be used to connect NET-BOX to a router with internet connections. This way the devices can be remotely controlled.

• **P1** is the reset button.

• **L1-4** are signal LEDs vertically aligned to the right of the micro-USB port.

L1 (green): If left on for more than 5s, every 10s it indicates that NET-BOX is connected to DEAcloud via LAN port or compatible accessory.

L2 (yellow): on when updating NET-BOX firmware.

L3 (red): flashes to indicate it received a message from DEAcloud.

L4 (green): if flashes every 10s when NET-BOX is powered. It remains on when the connection between DEAcloud and a device connected to NET-BOX is active.

6 RESET PROCEDURE

STANDARD RESET

This procedure allows you to delete the installer account ID reference from the NET-BOX memory. This operation also eliminates all programming data relating to any connected devices. With NET-BOX switched off, press P1, power the board keeping the button pressed and release it when the LEDs L1, L2, L3 and L4 are lit and the buzzer is activated (about 10s).

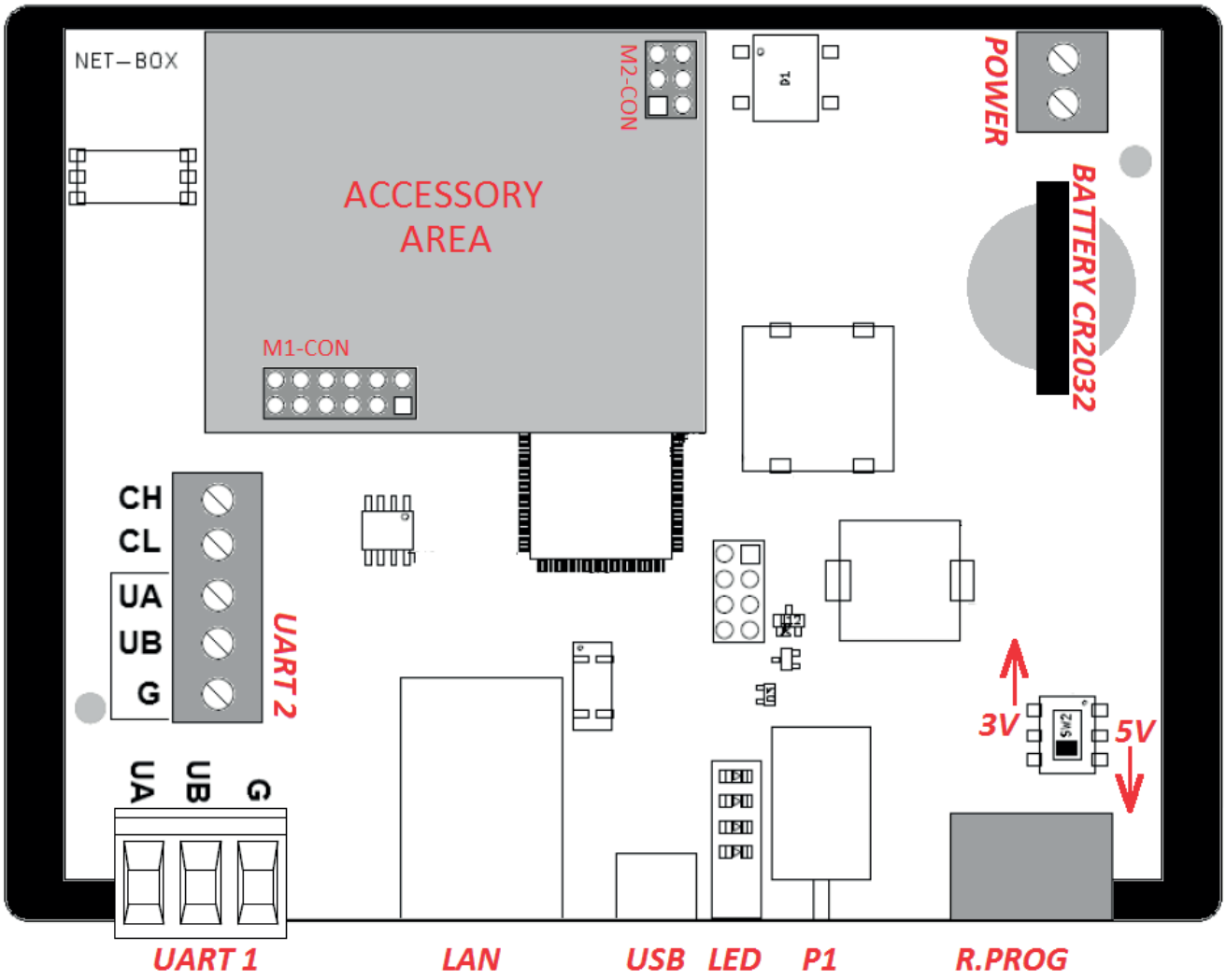
COMPLETE RESET

This procedure deletes all the data provided in the standard reset and sets the APN of any MODEM accessory to the standard value with SIM DEA. In addition, the LAN port is enabled with DHCP enabled. To carry out this reset after the LEDs light up from the STANDARD procedure, keep the pressure of P1 for a further 10s until the buzzer is deactivated. Release P1 and wait for the board to restart.

7 DEAcloud

DEAcloud is the web portal dedicated to professionals that allows you to simply and efficiently managed **DEA** product installations compatible with the NETLINK system.

Login on the **https://cloud.deasystem.com** site and open the NET-BOX menu to read and write radio controls via NET-BOX. If NET-BOX is not connected to Internet via LAN port or specific accessory, **"DEAconnect"** software can be used to enable communications between NET-BOX connected via USB to a PC Windows and DEAcloud portal.


NET–BOX
M2-CON
ACCESSORY
AREA
M1-CON
POWER
BATTERY CR2032
CH
CL
UA
UB
G
UART 2
UA
UB
G
UART 1
LAN
USB
LED
P1
R.PROG
3V
5V

BATCH



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