# HB80-2L

*Multifunctional radio control, rolling code, 433.92 MHz,*
*2 channels, Up-Down-Stop*

NEXTA
T E C H

# INDEX

# 1 - PRODUCT FEATURES

## 1.1 TECHNICAL DATA

| Power supply | Type CR2450 lithium battery |
|---|---|
| Programmable channels | 2 |
| Groups | None |
| Radio frequency | 433,92 MHz ISM |
| Code | Rolling code |
| Dimensions | Diameter 80 x 13 |

80mm    13mm    7mm

Battery
(insert right
way round)

Magnet
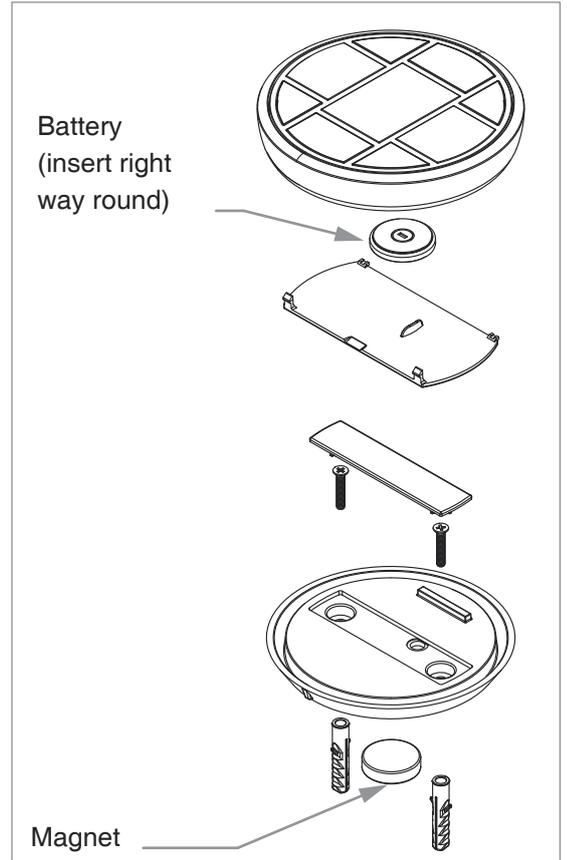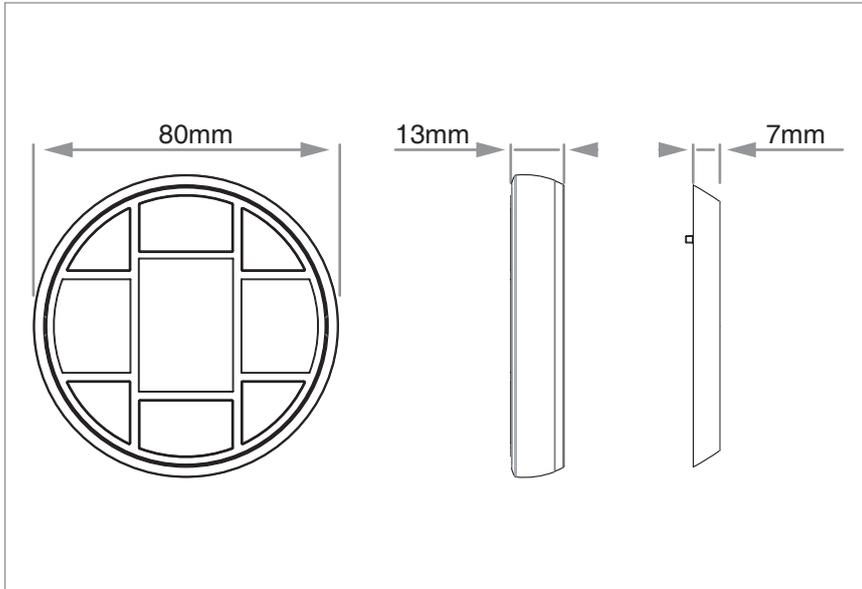
# 2 - USE OF TRANSMITTER

## 2.1 DESCRIPTION OF TRANSMITTER

Multi-channel radio control to control 2 devices. Up-Down-Stop and pulse controls,
LEDs for channel selection. Aluminium alloy structure and shock-absorbent polycarbonate plastic parts.
Magnetic wall support.

**Fig.2.1**
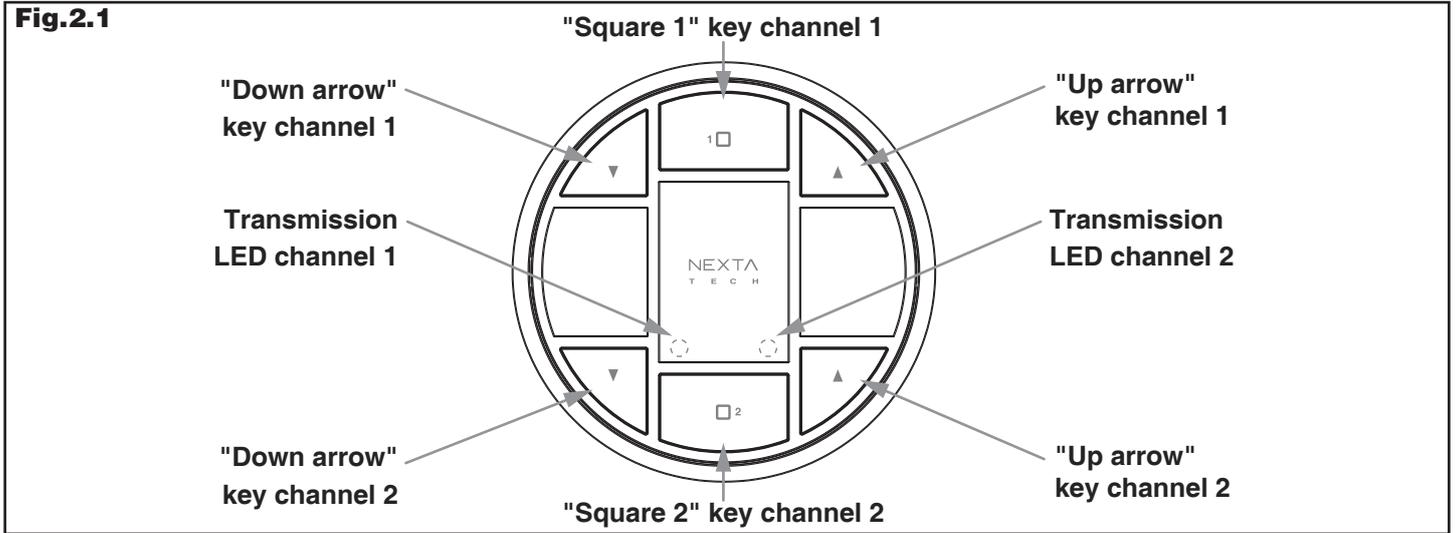


## 2.2 USE OF TRANSMITTER

To be able to use the transmitter you must first carry out the learning procedures on the receiver (see paragraph 3).

**SEND A COMMAND TO A DEVICE:**
**1-** Send the desired command with the "square", "up arrow" or "down arrow" keys (see paragraph 2.3). The top three keys belong to channel 1, the bottom three keys belong to channel 2.

## 2.3 COMMANDS SENT FROM TRANSMITTER

The following table shows the different commands the transmitter sends depending on the device it is programmed on. The left-hand column shows the transmitter commands, the top row the type of controller

| Transmitter key | Monostable device | Timed device | On/off device | Dimmer device | RGBW device | CCT device | Up/down/ stop device | Connector device |
|---|---|---|---|---|---|---|---|---|
| □ Short | Pulse | Timer starts | On/Off | On/Off | On/Off | On/Off | Stop | On/Off |
| □ Long (>3s) | - | Off | Off | Off | Off | Off | - | - |
| ▲ | - | Timer starts | On | LIGHT OFF: On 60%  LIGHT ON: Dimmer UP | Dimmer Up | Dimmer Up | Open | - |
| ▼ | - | Off | Off | LIGHT OFF: On 30%  LIGHT ON: Dimmer down | Dimmer Down | Dimmer Down | Close | - |

# 3 - TRANSMITTER PROGRAMMING

To use the transmitter at least one channel must be programmed (paragraph 3.1).
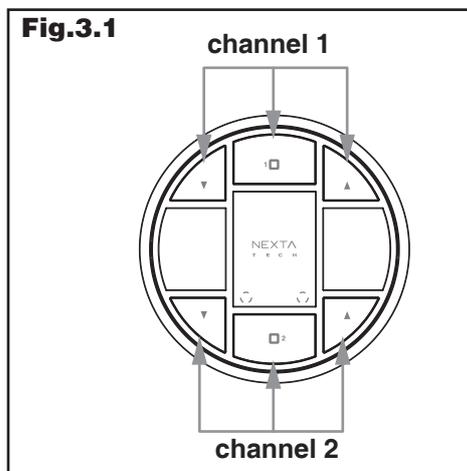
## 3.1 TRANSMITTER PROGRAMMING

Default: no channel programmed
This procedure is used to programme a channel in order to then associate it with a compatible receiver. Access to the receiver is required to carry out the following procedure.

**PROCEDURE:**
**1-** Activate the receiver on which you want to programme the transmitter in "multifunctional remote control radio programming" mode (see receiver manual).
**2-** With the transmitter in stand-by (transmitter off), press the "square 1" or "square 2" button to send a transmission. The three keys of the channel selected (1 or 2) will be associated with the receiver.
**3-** The receiver flashes 3 times to confirm the learning procedure (see receiver manual).
**4-** The transmitter goes back into stand-by.

**Fig.3.1**

channel 1



channel 2

## 3.2 "REMOTE" ACTIVATION OF RECEIVER PROGRAMMING

Once the transmitter has been programmed following the procedure in paragraph 3.1, this transmitter can be used for remote activation of receiver programming and therefore to add further remote controls without accessing the receiver.

**PROCEDURE:**
**1-** Take up position near to the receiver.
**2-** With the transmitter already programmed, press the "up arrow" and "down arrow" keys (associated with the receiver that you want to activate) at the same time for 3 seconds (the transmitter starts flashing).
The receiver that the transmitter channel has been programmed on is activated for 30 seconds.
**3-** Send a command with the new transmitter that you want to programme (see transmitter manual for use).

WARNING:  Once the signal has been received from the new transmitter the control unit will go back to normal operation; if you want to programme other transmitters repeat the procedure.

**Fig.3.2**

**Activation of receiver channel 1**



**Activation of receiver channel 2**
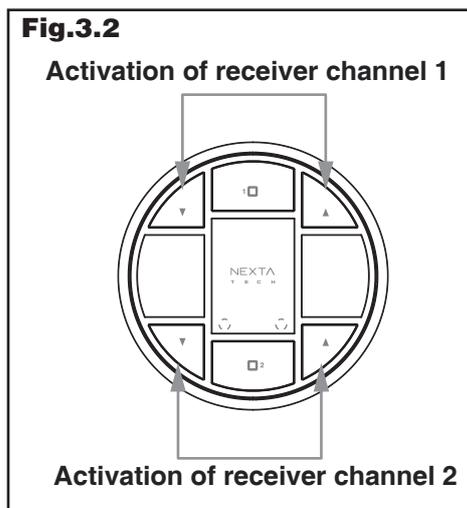
# 4 - DELETION OF A CHANNEL

## 4.1 DELETION OF THE CHANNEL FROM THE RECEIVER

This procedure is to delete one of the transmitter's channels from the memory of the receiver on which it was programmed.
**PROCEDURE:**
**1-** Access the receiver and carry out the "delete single transmitter" procedure (see receiver manual).

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