



## NEXA 14630 Wireless Built In Receiver User Manual

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# NEXA

BUILT-IN RECEIVER ON/OFF



WBR-2203

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## 14630 Wireless Built In Receiver

Built-in receiver for wireless control of, for example, lights, automatic garage doors and gates, and ventilation units. The product features inputs for control via a resilient switch, potential-free relay output and turn-off timer. The receiver is fully compatible with other System Nexa products.

**SAFETY!** Read all the instructions carefully first. Call in a professional if necessary. Nexa cannot be held liable if the product is used for any purpose other than that for which it was designed, or if the associated instructions are not followed. Never connect lights or any equipment that exceeds the maximum stated load of the receiver, as this can result in faults, short circuit or fire. Do not attempt to repair the product. The product contains no serviceable parts.

## TECHNICAL DATA

Power supply	220–240 V 50 Hz
Max. Load	2300 W
Protocol	System Nexa (433.92 MHz)
Channels	1
Range	Up to 30 metres
Memory slots	32
Own consumption	< 1 W
Operating temperature	0–40 °C
IP rating	IP 20
Dimensions (W x H x D)	48 x 48 x 25 mm

A declaration of conformity is available online at [www.nexa.se](http://www.nexa.se)

## INSTALLATION

Make sure that the wires are free from voltage by disconnecting the current in the electricity panel, then connect phase to L and Neutral to N. The WBR-2203 features a potential-free relay contact and can be used to control 230 V, low-voltage products, as well as products that require potential-free connection – see the circuit diagram for examples.

## PROGRAMMING

In order to operate the WBR-2203 with a System Nexa remote control (or other unit), the transmitter and receiver must be connected as follows:

1. Connect current to the WBR-2203.
2. Briefly (<0.5s) press the “programming” button, the LED indicator will start to flash slowly.
3. Press the “ON” button for the selected channel on a System Nexa remote control within 12 seconds.

To program other System Nexa units (Motion detector, Magnetic switch, Bridge, etc.) see the instructions for use for the respective products.

### **CONFIRMATION OF PROGRAMMING**

The LED indicator next to the “programming” button flashes slowly 2 times.

### **DELETE MEMORY SLOT**

1. Connect current to the WBR-2203.
2. Briefly (<0.5s) press the “programming” button, the LED indicator will start to flash slowly.
3. Press the “OFF” button for the selected channel to be deleted from a System Nexa remote control within 12 seconds.

To delete programming from other System Nexa units (Motion detector, Magnetic switch, Bridge, etc.) see the instructions for use for the respective product.

### **CONFIRMATION OF DELETION**

The LED indicator next to the “programming” flashes slowly 2 times.

### **DELETION OF ALL MEMORY SLOTS**

1. Connect current to the WBR-2203.
2. Press the “programming” button and hold it down for 6 seconds.  
The LED indicator starts to flash quickly.
3. Release the “programming” button and then press it briefly once more.

### **CONFIRMATION OF DELETION OF ALL MEMORY SLOTS**

The LED indicator next to the “programming” button flashes slowly 2 times.

### **MEMORY**

The WBR-2203 has 32 memory slots and can be controlled from up to 32 different units (remote controls, motion detectors, magnetic switches, Bridge, etc.). If all memory slots are filled, the oldest slot will be deleted when a new channel is programmed.

### **CONTROL**

The receiver can be controlled as follows:

1. With a programmed System Nexa Remote Control
2. With other programmed System Nexa transmitters.
3. With a Nexa Smart Hub.
4. With Nexa Bridge
5. With a resilient switch

## SETTING THE TURN-OFF TIMER

The turn-off timer opens the relay contact automatically after the set period of time has elapsed. The WBR-2203 is supplied set up for manual On/Off operation.

1. Press the “Timer setting” button and keep it depressed (> 3 s).

The LED indicator for the “Timer” button flashes quickly 5 times to confirm programming status; it then continues to flash at 3-second intervals. Number of flashes current setting (see table).

2. Briefly (<0.5 s) press the “Timer setting” button to select the next setting from the table.
3. To save the timer setting, press and hold the “Timer setting” button (> 3 s).

## CONFIRMATION OF SETTING

The LED indicator in the “Timer” button flashes quickly 5 times to confirm that the setting has been saved.

FUNCTION	LED FLASHES
Manual On/Off	1
Turns off after 1 s	2
Turns off after 5 s	3
Turns off after 30 s	4
Turns off after 60 s	5

## SAFETY AND INFORMATION

Range indoors: up to 30 m (optimal conditions). The range is heavily dependent on local conditions – such as if there are any metals nearby. For example, the heavy metal coating in low-emission energy glass has a negative impact on the range of the radio signals. There may be limitations on the use of the unit outside the EU. If appropriate, check that the unit complies with the local regulations.

Max. load: Never connect lights or equipment that exceeds the maximum load of the receiver. This can result in faults, short circuit or fire. Life support equipment: Never use Nexa products for life support equipment or other devices where faults or disruptions can have life-threatening consequences.

Disruptions: All wireless units can be affected by disruptions that may have an impact on performance and range. The minimum distance between two receivers should therefore be at least 50 cm.

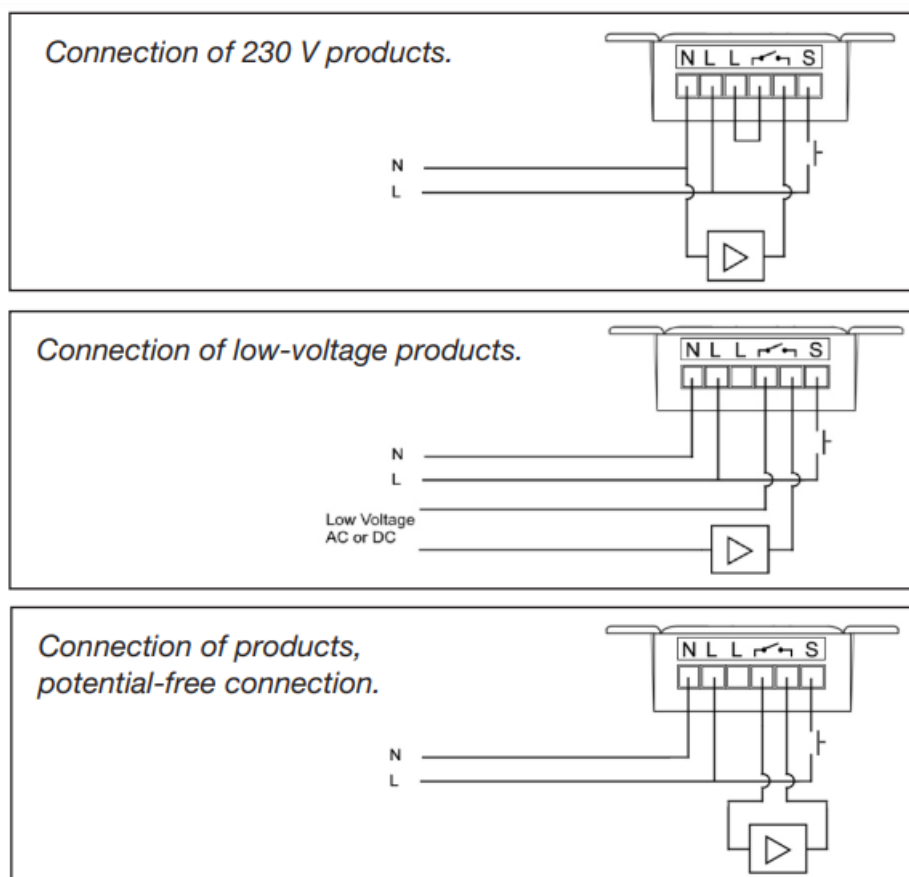
Repairs: Do not attempt to repair the product. It does not contain any serviceable parts.

Waterproofing: The product is not waterproof. Make sure that it is always dry. Moisture will corrode the electronic components inside and may result in short circuit, faults and risk of electric shock.

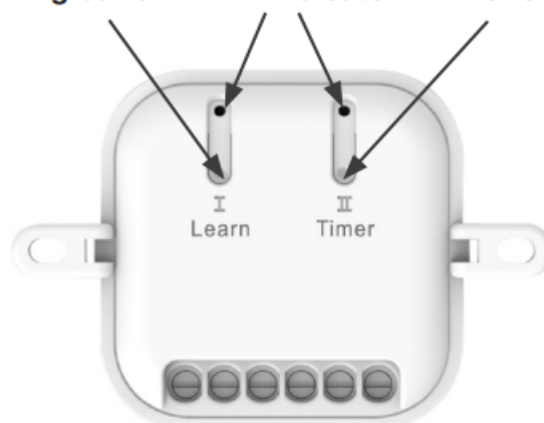
Cleaning: Clean the product with a dry cloth. Do not use chemicals, solvents or potent cleaning agents.

Environment: Do not expose the product to extreme heat or cold, as this may damage the electronic circuits or shorten their service life.

## DIAGRAM



**Programming button   LED indicator   Timer setting**



NEXA AB, DATAVÄGEN 37B, 436 32 ASKIM, SWEDEN [info@nexa.se](mailto:info@nexa.se) | [www.nexa.se](http://www.nexa.se)

## Documents / Resources

	<p><b><a href="#">NEXA 14630 Wireless Built In Receiver</a></b> [pdf] User Manual  14630 Wireless Built In Receiver, 14630, Wireless Built In Receiver, Built In Receiver, In Receiver, Receiver</p>
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## References

- [X NEXA – ett smart och tryggt hem](#)