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NEXA MCMR-2000 Built-in Receiver On/Off 1 Channel Instruction Manual

Contents

NEXA

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TECHNICAL DATA

MCMR-2000

Power supply	220–240 V~50 Hz
Max. load	2000 W
Protocol	System Nexa (433.92 MHz)
Range	up to 30 m
Memory slots	32
Own consumption	< 1 W
Operating temperature	0–40°C
IP classification	IP20 Indoor use
Dimensions	48 x 48 x 25 mm

A declaration of conformity is available online at **www.nexa.se**

info@nexa.se | **www.nexa.se**

Built-in receiver for wireless control of lights, etc. The receiver needs both a phase and a neutral connection. 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.

INSTALLATION

Make sure that the wires are free from voltage by disconnecting the current in the electricity panel.
Connect the phase (Live) to L, Neutral to N and the outgoing power line (load) to L(arrow), see the circuit diagram.

PROGRAMMING

In order to operate the MCMR-2000 with a System Nexa remote control (or other unit), the transmitter and receiver must be connected as follows:

1. Connect voltage to the MCMR-2000
2. Briefly 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 relay in the MCMR-2000 clicks 4 times and any lights connected flash 2 times.

DELETE MEMORY SLOT

1. Connect voltage to the MCMR-2000
2. Briefly 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 relay in the MCMR-2000 clicks 4 times and any lights connected flash 2 times.

DELETION OF ALL MEMORY SLOTS

1. Connect voltage to the MCMR-2000
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 relay in the MCMR-2000 clicks 4 times and any lights connected flash 2 times.

MEMORY
The MCMR-2000 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 in several ways.

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

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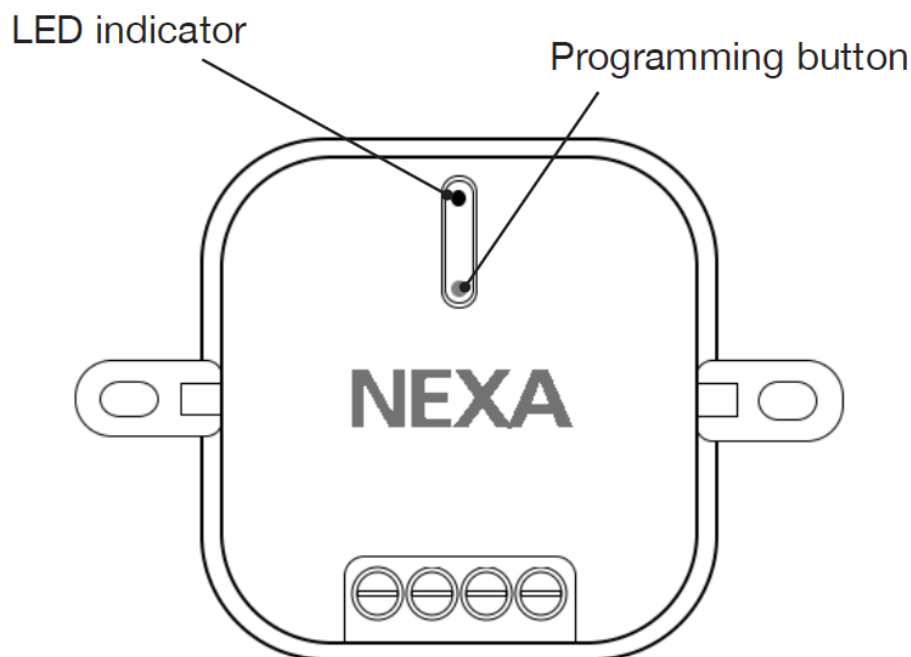
Disruptions: All wireless units can be affected by disruptions that may have an impact on performance and range. The minimum distance between two receivers should therefore be at least 50 cm.

Repairs: Do not attempt to repair the product. It does not contain any serviceable parts.
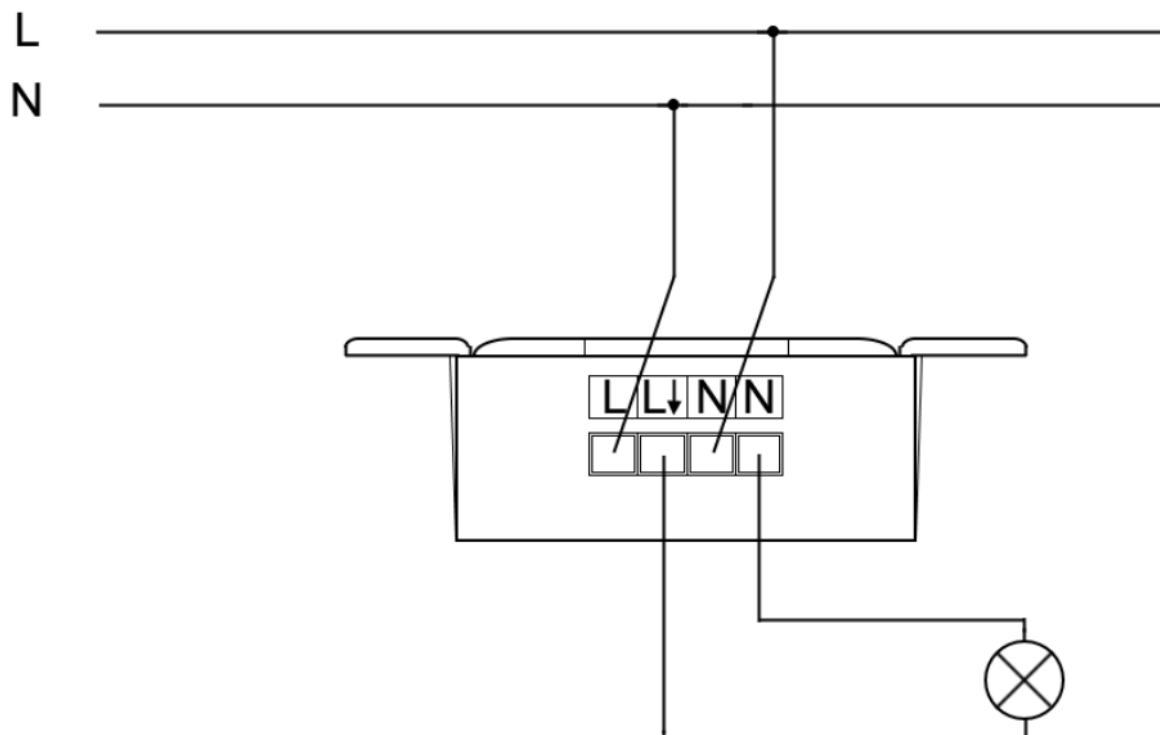
Waterproofing: The product is not waterproof. Make sure that it is always dry. Moisture will corrode the electronic components inside and may result in short circuit, faults and risk of electric shock.

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.

Circuit Diagram

Documents / Resources

	NEXA MCMR-2000 Built-in Receiver On/Off 1 Channel [pdf] Instruction Manual MCMR-2000, Built-in Receiver On 1 Channel, Built-in Receiver Off 1 Channel