



MWMR-251 DIMMER

THIS PRODUCT SUPPORTS SMART MODE.

Devices that support Smart Mode can save up to 3 different favourite scenarios, and these can be activated easily using a Nexa Smart Mode transmitter.

TECHNICAL DATA

MWMR-251

Power supply	220-240 V~50 Hz
Max. load	20-250 W R/RC / 40-250 W RL
Max. load LED	3-120 W LED
Frequency	System Nexa (433,92 MHz)
Range	up to 30 m
Memory slots	32
Power consumption	< 1 W (standby)
IP rating	Indoor use
Size	40 x 45 x 15 mm

Declaration of conformity finns tillgänglig på www.nexa.se

Built-in dimmer for permanent installation. Small, compact size with input for a retractable switch (230V). Adjustable between leading edge dimming and trailing edge dimming, plus minimum dimmer level. The receiver needs both phase and neutral.

SAFETY

Read through the entire instruction first. Engage a professional if so required. Nexa cannot be held liable if the product is used for any purpose other than the one for which it is designed, or if there is failure to comply with the instruction.

Never connect bulbs or equipment exceeding the receiver's maximum stated load – this may lead to faults, short-circuiting or fire.

Do not attempt to repair the product. The product contains no repairable parts.

INSTALLATION

Make sure that the conductors are powered down by turning off the power in the distribution box.

Connect Phase to L, Charge/Bridgewire to L↓ and Neutral conductor to N – see also the wiring diagram.

PROGRAMMING

1. Power up MWMR-251.
2. Press the learn button, the LED indicator starts to flash.
3. Press the "ON" button for the selected channel on a System Nexa remote control within 12 seconds.

PROGRAMMING CONFIRMATION

The LED indicator on the receiver flashes rapidly.

DELETING A MEMORY SLOT

1. Power up MWMR-251.
2. Press the learn button, the LED indicator starts to flash.
3. Press the "OFF" button for the selected channel on the remote control within 12 seconds.

CONFIRMATION OF DELETION

The LED indicator on the receiver flashes rapidly.

DELETING ALL MEMORY SLOTS

1. Power up MWMR-251.
2. Press the learn button, the LED indicator starts to flash.
3. Release the learn button and then press it again briefly. All memory slots are now deleted.

MEMORY

Every MWMR-25 receiver has 32 memory slots. When memory slot 32 is occupied, slot 1 is overwritten during programming.

DIMMER SETTINGS

MYCR-250 is supplied set for leading edge dimming and can be reset to trailing edge dimming.

Selection of an appropriate setting is dependent on the type of charge to be connected – see the table below.

Contact the place of purchase for your luminaire/light if you are not sure what type of load to be set.

LOAD	SETTING	OUTPUT
Halogen lamps and bulbs	Trailing edge	25-250W / 220-240V W RL
Electronic transformers	Trailing edge	20-250W / 220-240V
Dimmable LED and low-energy bulbs	Trailing edge	3-120W / 220-240V
Conventional transformers	Leading edge	40-250W / 220-240V

SETTING LEADING EDGE DIMMING

1. Rotate the adjustment knob counterclockwise to end position R, L, C. The LED indicator flashes once.
2. Rotate the adjustment knob slowly clockwise to adjust the minimum dimming level.

SETTING TRAILING EDGE DIMMING

1. Rotate the adjustment knob clockwise to end position RC. The LED indicator flashes once.
2. Rotate the adjustment knob slowly counterclockwise to adjust the minimum dimming level.

NO DIMMING, ON/OFF FUNCTION ONLY

Rotate the adjustment knob to the "ON/OFF" position. The LED indicator flashes rapidly and the connected light is dimmed to the maximum level.

CONTROL

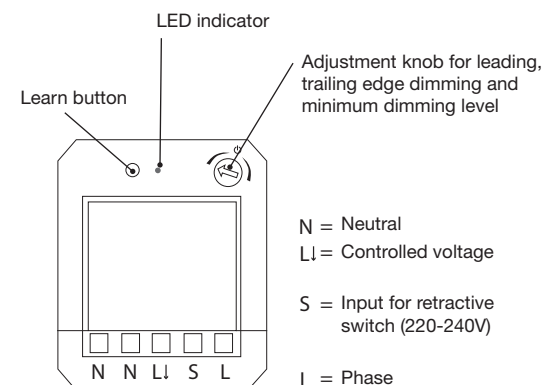
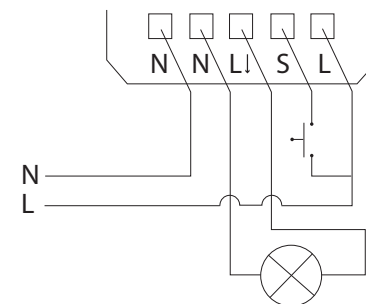
The receiver can be controlled in a number of ways.

1. With a trained System Nexa remote control
2. With other trained System Nexa transmitters
3. With a retractable switch
4. With a Nexa Bridge

CONTROLLING THE RECEIVER WITH A RETRACTIVE SWITCH

A brief press on a retractable switch switches the connected charge on or off. Press and hold down the retractable switch to increase or reduce the dimming level.

WIRING DIAGRAM



Note: MWMR-251 is a universal type dimmer. To avoid damage to the receiver it has to be set up for the type of load that is connected to it, see "Dimmer settings" for more information.

Indoor range: up to 30 m (optimal conditions). The range is strongly dependent on local conditions, such as the presence of metals. For example, the thin metal coating in Low-emissivity (Low-E) glass has a negative impact on the range of radio signals.

There may be restrictions on the use of this device outside the EU. If applicable, check whether this device complies with local directives.

Maximum load: Never connect lights or equipment that exceed the maximum load of the receiver, as it can result in defects, a short circuit or fire.

Life-support: Never use Nexa products for life-support systems or other applications in which equipment malfunctions can have life-threatening consequences.

Interference: All wireless devices may be subject to interference, which could affect performance. The minimum distance between 2 receivers should be at least 50 cm.

Repairing: Do not attempt to repair this product. There are no user-serviceable parts inside.

Water-resistance: This product is not water-resistant. Keep it dry. Moisture will corrode the inner electronics and can result in a short circuit, defects and shock hazard.

Cleaning: Use a dry cloth to clean this product. Do not use harsh chemicals, cleaning solvents, or strong detergents.

Environment: Do not expose the product to excessive heat or cold, as it can damage or shorten the life of electronic circuit boards.