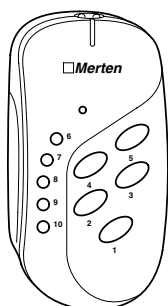


Remote control Distance 2010



Colour
black

Article no.
570222

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1. Function

The IR remote control Distance 2010 is used as a command device for the System Basis IR receiver insert (art. no. 6217xx), OctoColor IR receiver, flush-mounted (art. no. 6218xx), System Design IR receiver, flush-mounted (art. no. 6235xx), PLANTEC multi-function push-button with IR receiver (art. no. 623008), System M multi-function push-button with IR receiver (art. no. 6242xx), M-PLAN multifunction push-button, 4-gang, with room temperature control unit (art. no. 6236xx), System Design multi-function push-button, 4-gang, with IR receiver (art. no. 6228xx) and INSTABUS ARGUS Presence with IR receiver (art. no. 630591). The infrared commands are converted into corresponding data telegrams. 10 different IR channels can be sent with the IR remote control.

Each IR channel can be selected on the IR remote control.

Depending on the parameterisation, INSTABUS switching, pulse edge, dimming and blind control functions can be retrieved for each IR channel as required.

Merten TELE sensor covers can also be controlled with the remote control.

2. Installation

Inserting the battery

Your remote control Distance 2010 requires two LR 03 1.5 V batteries. They are not included with supply.

Open the battery cover on the rear of the remote control by lifting it from one side. Place the batteries in the battery compartment according to the markings. Ensure that the correct polarity is maintained.

Close the battery cover again.

Changing the battery

If the LED no longer lights up as usual when the push-button is pressed, you must change the batteries.

Then quickly replace the batteries.

3. Commissioning

Setting for Merten TELE sensor covers

You can operate up to 10 TELE sensor covers remotely with buttons 1-10 (art. no. 5748.., 5749.., 5750..).

(The channel assignment is carried out at the receiver).

For super dimmers with TELE sensor covers, pressing the button briefly is sufficient for switching on or off.

To vary the brightness level, the button is pressed until the required illuminance is achieved.

So that you can operate existing installations remotely with Merten TELE receivers (art. no. 5743.. / 5744 ..) it

is possible to reprogram the hand-held transmitter to the previous telegram.

Then keep button 6 and 10 pressed for approx. 3s, until the LED flashes twice.

(The reprogramming from old to new is carried out in parallel).

Buttons 1-8 now have the same function as the previous HWS4 or HWS8.

Setting for INSTABUS IR receivers

You can operate the IR function channels 1-10 remotely with buttons 1-10.

You can activate the following functions with each channel:

Switching

Pressing the channel button of the IR remote control briefly is sufficient for switching on and off. When it is operated, the inverted value of the "Switch object" is sent. Alternate "ON" and "OFF" telegrams are generated. The switch object can also receive its object value via the bus.

Pulse edge

The INSTABUS IR receiver reacts to pulse edges. Two communication objects "Object A" and "Object B" are assigned to each IR channel.

Each object can be parameterised so that the following telegrams can be generated both when pressing the IR channel button and releasing the remote control button: none, sends 0, sends 1, toggles (sends the other telegram in each case) or sends its value (the current object value is issued). The send objects can also be modified via the bus.

It is therefore possible to send up to two telegrams when the channel button is operated.

Dimming

In the "Dimming" function, it is possible to choose between two operating concepts.

The remote control Distance 2010 does not have any arrow buttons like the remote control Distance 2050. The operating concept "Channel button only" must be assigned to the dimming function.

Channel button only

In the setting "Channel button only", the control is only carried out with a channel button of the IR hand-held transmitter. The current dimming/switching direction is always dependent on the previous action. After a long operation of the rocker (>0.6 s), the parameterised dimming step (relative dimming) is sent via the "Dimming object". The dimming step can either be sent once or cyclically. Once the button is released, a stop telegram is generated by default. After dimming up and stopping at the required brightness level, dimming down is carried out after the next long operation

of the button. After a short operation of the button, an ON/OFF telegram is sent via the "Switch object". The device also receives telegrams via the "Switch object" and "Dimming object". Depending on the received values, the corresponding telegram is generated at the transmitter when the channel button is pressed.

Blind control

It is also possible to choose between control via the "Channel button" or via the "Channel and arrow buttons" for controlling blinds/roller shutters. The remote control Distance 2010 does not have any arrow buttons like the remote control Distance 2050. The operating concept "Channel button only" must be assigned for the blind control function.

Channel button only

In the setting "Channel button only", the control of the blind/roller shutter is only carried out with a channel button of the IR hand-held transmitter. The current direction of movement of the blinds/roller shutters or the direction of the slat adjustment is always dependent on the previous action. For example, a "DOWN" command is generated after a long operation of the channel button (>0.6 s) after an "UP" command has been sent. After a short operation, the IR receiver sends a "Stop/slat adjustment" telegram. The movement of the blind is stopped. The value of the "Movement object" is inverted internally in the IR receiver and thus the direction of movement and direction of slat adjustment are changed.

If further "Stop/slat adjustment" telegrams are generated by a brief operation within a second after a "Stop/slat adjustment" telegram, they rotate the slats in the same direction. The direction of the slats is only changed after a period of 1 s. It is therefore possible to stop the blind during movement and then to adjust the slats several times in the opposite direction.

The device also receives telegrams via the "Movement object" and "Stop/step object". Depending on the values received, the corresponding telegram is generated at the transmitter when the channel button is pressed.

4. Technical Data

| | |
|---------------------|---|
| Number of channels: | 10 (channel 1 to channel 10) |
| Display elements: | Red LED lights up briefly during transmission |
| Operating elements: | 10 channel buttons |
| Battery: | 2 x LR 03 1.5 V (not included with supply) |
| Range: | approx. 20 m for INSTABUS IR receiver TELE sensor covers (5748.., 5749.., 5750..) (dependent on local conditions) approx. 8 m for TELE sensor covers (5743.. and 5744..) (dependent on local conditions) |