

# WMS Wall-mounted transmitter plus

## Operating and installation instructions



*Der SonnenLichtManager*

Valid from  
1 november 2022  
Keep for future use.

### General information



Fig. 1 WMS Wall-mounted transmitter plus

The WMS Wall-mounted transmitter plus is used for remotely controlling WAREMA WMS receivers for awning, roller shutter, external venetian blind, window and light products.

### Safety instructions

#### Intended use

This WMS Wall-mounted transmitter plus is an electronic device developed to control WMS receivers. Any use other than the purpose described in these instructions requires approval from the manufacturer.



#### CAUTION

The wall-mounted transmitter plus is for indoor use only. It is not water-proof. Do not leave the wall-mounted transmitter plus outdoors!



#### CAUTION

Never activate buttons on your WMS Wall-mounted transmitter plus arbitrarily without a line of sight to the sun shading system. Children must not play with this product – keep remote controls and transmitters out of the reach of children!

### Installation

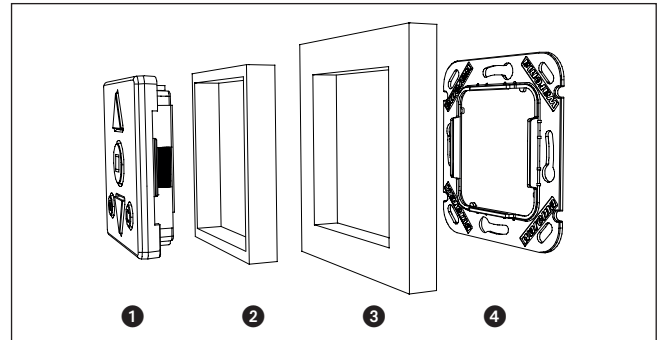


Fig. 2 Mounting structure for the WMS Wall-mounted transmitter plus

- 1 WMS Wall-mounted transmitter plus (included in the scope of delivery),
- 2 Intermediate frame/plate 50 x 50 mm (on-site or can be ordered as an optional accessory),
- 3 Switch program frame (on-site or can be ordered as an optional accessory),
- 4 Mounting frame (included in the scope of delivery).

- Attach the mounting frame to the wall using the countersunk head screws and screw anchors included.
- Position the intermediate frame/plate of the switch program you require.
- Clip on the wall-mounted transmitter.
- ▶ Clipping the wall-mounted transmitter and intermediate frame/plate into the available snap-in latches will hold them in place on the mounting frame.



Only use countersunk head screws so that the screws are flush with the mounting frame and the WMS Wall-mounted transmitter plus can be securely clipped on.

### Commissioning

Further information and aids such as video guides and the WMS practical manual can be found on our support site.

[www.warema.com/radio-systems-support](http://www.warema.com/radio-systems-support)



Commissioning can also be carried out using the WMS studio pro or homee PC software.

## Operating elements and displays

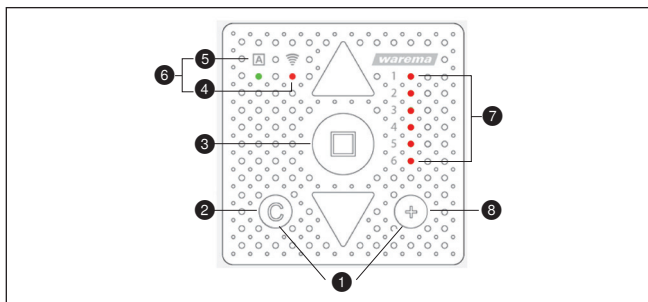


Fig. 3 Operating panel of the WMS Wall-mounted transmitter plus

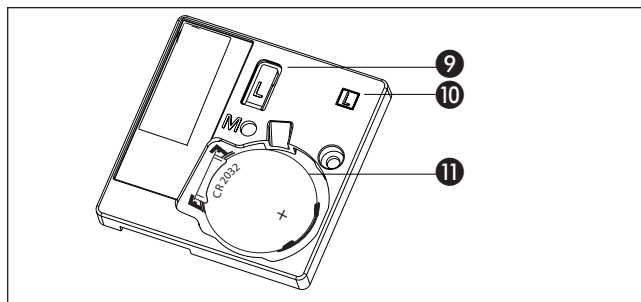








Fig. 4 Back of the WMS Wall-mounted transmitter plus

Pos.	Function	Result
<b>Front</b>		
1	Control button $\oplus$ + $\odot$	Switch the comfort control modes on or off by briefly pressing the $\oplus$ and $\odot$ buttons at the same time (this is the $\text{A}$ control button on other WMS Hand-held transmitters).
2	Comfort button $\odot$	Saving and recalling comfort positions
3	 buttons	Send move or switch commands to the selected receiver
4	Transmission LED 	Flashes green = The wall-mounted transmitter plus is transmitting
		Flashes red = The wall-mounted transmitter plus has not received a response from the receiver
		Flashes orange: = Change the batteries
5	Control mode LED $\text{A}$	Lights up green = Comfort control modes activated
		Lights up red = Comfort control modes deactivated
		Flashes red = Operation disabled
6	Control mode LED $\text{A}$ and transmission LED  flash	Flashes orange = The wall-mounted transmitter plus has the factory settings
		Flashes red = Load factory mode To leave this mode again, briefly press the Learn button 
7	LED display channel 1 to 6 	Selected channel lights up red (here 2)
8	Change channels button $\oplus$	Toggles between channels 1-6 The display skips any unassigned channels and goes to the next assigned channel (e.g. from channel 1 to channel 3).
<b>Back</b>		
9	Learn button 	Activates or closes learn mode
10	L LED $\text{L}$	Lights up green = Learn mode active
11	Batteries	The wall-mounted transmitter plus requires a coin cell CR 2032 battery

## Learning in receivers



The first receiver to be learned into the wall-mounted transmitter defines the channel type. If an external venetian blind is the first receiver to be learned in, the channel type is defined as an external venetian blind channel and only external venetian blinds can be learned in.



To assign a new channel, press the change channel button  $\oplus$  for 5 s.








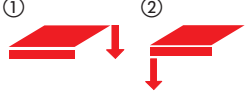











## Operating products



When the ▽ button is pressed again while the sun shading product is being lowered, it always moves to 100% (lower limit position) and the “Position DOWN” value is ignored.







Operating products	Select channel		Press change channel button, select channel.	→		Selected channel lights up red (here 2)	
	External venetian blind		Press and briefly hold the up or down arrow button				The external venetian blind moves in the selected direction e.g. up
			Briefly press the up or down arrow button	→			The external venetian blind turns in the selected direction e.g. slats tilt up
			Press stop button or keystroke in opposite direction				Product stops
	Roller shutter		Press the up or down arrow button	→			The roller shutter moves in the selected direction e.g. up
			Press stop button or keystroke in opposite direction				Product stops
	Awning		Press the up or down arrow button	→			The awning moves in the selected direction e.g. up
			Press stop button or keystroke in opposite direction				Product stops

Operating products	Awning with valance roller blind		Briefly press the up or down arrow button once		The awning moves in the selected direction e.g. up
			Press and briefly hold the up or down arrow button once		The valance roller blind moves in the selected direction e.g. up Awning position does not change
			Briefly press the up arrow button twice		Valance roller blind moves up ①, then the <b>awning moves</b> up
			Briefly press the down arrow button twice		Awning moves down ①, then the <b>valance roller blind moves</b> down ②
			Press stop button or keystroke in opposite direction		Product stops
	Window		Press the up or down arrow button		Window moves in the selected direction
			Press stop button or keystroke in opposite direction		Product stops
	Light		Press the up or down arrow button		Light is switched On (  ) or Off (  )
			Press stop button or keystroke in opposite direction		Switch product (ON→OFF, OFF→ON)






## Comfort position

**i** If a product is already in the comfort position or if a comfort position has not been stored, the selected product does not respond when the comfort button **C** is pressed.

**i** If the unit does not move to the comfort position correctly, the run time in the receiver has to be adjusted.

Comfort position	Learn	 Press the up or down arrow button	 Move to desired position (in this case, e.g. external venetian blind up)
		 Press the comfort button for 5 s	 Transmission LED lights up green for 2 s = Comfort position saved
	Move	 Press the comfort button briefly	 The unit moves to the comfort position (e.g. up)

## Comfort control modes

Comfort control modes	Channel selection	 Press change channel button, select channel.	 Selected channel lights up red (here 2)
	Switch on / off	 Briefly press the buttons <b>+</b> + <b>C</b> (= control button) at the same time	 The control mode LED lights up green = Control modes On
			 The control mode LED lights up red = Control modes Off













## Deleting learned-in products from the WMS wall-mounted transmitter plus and the network



Devices that do not need to be deleted must be de-energised.



If you delete a receiver from the network, it can no longer be operated via other transmitters. It must be learned into a network again.

Deleting receivers	Wake up wall-mounted transmitter	 Briefly press the stop button	 Transmission LED lights up
	Select channel	 Press change channel button, select channel.	 Selected channel lights up red (here 2)
	Start scan process	 Press the L button for approx. 5 s	 Transmission LED lights up permanently (orange or red) = Scan is complete
	Send delete command	 Briefly press the stop and C buttons at the same time	 Product waves = Delete command carried out
	Resend delete command	 Repeatedly press the stop button	 until all products to be deleted have waved.
	Complete process	 Briefly press the L button	 Process is completed

## Maintenance

### Dismantling

- To remove the WMS Wall-mounted transmitter plus (e.g. to replace the battery), carefully pull the clipped wall-mounted transmitter off the frame.
- Hold onto the intermediate frame/plate, as it comes loose when the wall-mounted transmitter is removed.

## Replacing the battery

- Remove the old battery from the compartment by carefully sliding a screwdriver (slotted, 2 - 3 mm) at the notch in the housing below the edge of the battery and prising the battery out.
- When inserting the new battery, make sure that the polarity matches: the positive terminal (+) of the battery should face up (visible) and the negative terminal (-) should face down.
- Only touch the battery at the edge.
- **When inserting the battery, be sure to push it below the gold clasp first (see Fig. 6).**
- Use a high-grade battery – inexpensive batteries may leak and damage the device. If you do not intend to use the device for an extended period of time, please remove the battery.



Fig. 5 Removing the battery



Fig. 6 Inserting the new battery



To spare the coin cell of the WMS Wall-mounted transmitter plus during the learning process, the waking time of the WMS Wall-mounted transmitter plus has been reduced to 1 minute. If your device stops responding, simply wake it up by pressing the Stop button, for example

## Cleaning

Clean the housing with a soft, damp cloth. Do not use detergents, cleaning agents, solvents, abrasive substances or steam cleaners!

## Liability

The liability for consequential damage to persons or property is excluded if the device is used for any purpose other than those described in these instructions. Observe the information in the operating instructions for your sun shading system. Liability is also excluded for damage to the sun shading system resulting from operation under icy conditions.

## Obligations for the disposal of electrical devices




A marking with this symbol indicates the following obligations under the scope of legal regulations:

- The owner of this electrical device must dispose of it separately from unsorted municipal waste for further recycling.

- Used batteries and accumulators that are not enclosed in the old device, as well as lamps/bulbs that can be removed from the old device without breaking, must be disposed of separately.
- Distributors of electrical devices and disposal companies are obliged to take back the equipment free of charge.
- The owner must take it upon themselves to delete any personal data contained in the electrical device prior to disposal.

## Technical data

WMS Wall-mounted transmitter plus	min.	typ.	max.	Unit
<b>Supply</b>				
Battery type	1 x coin cell CR 2032			
Operating voltage	1.8	3.0	3.2	V DC
<b>RF transceiver</b>				
Transmission frequency	2.40		2.48	GHz
Transmission power			12	dBm
Reception sensitivity		-103		dBm
Operating range (environment without interference)		30		m
<b>Housing</b>				
WMS Wall-mounted transmitter plus (L×W×H in mm)	50 × 50 × 10.5			
Mounting frame (L×W×H in mm)	70 × 70 × 5			
Degree of protection	IP30			
Safety class	III			
<b>Miscellaneous</b>				
Conformity	 Available at <a href="http://www.warema.de/ce">www.warema.de/ce</a>			
This device complies with the EMC directives for use in residential and commercial areas.				
WAREMA Renkhoff SE declares herewith that this radio system type WMS Wall-mounted transmitter plus is in compliance with the guideline 2014/53/EU.				
<b>Ambient conditions</b>				
Operating temperature	0		50	°C
Storage temperature	0		70	°C
Humidity (non-condensing)	10	40	85	%H <sub>rel</sub>
Degree of soiling	2			
<b>article numbers</b>				
WMS Wall-mounted transmitter plus, white (6 channel)	2016193			
<b>Optional accessories</b>				
White frame*	2022539			
* consisting of a intermediate frame/plate 50 x 50 mm and switch program frame				
WAREMA Renkhoff SE Hans-Wilhelm-Renkhoff-Strasse 2 97828 Marktheidenfeld, Germany				