

1. Description

The **Remo 8 wireless remote control** offers an Up/Down/Stop or On/Off control for eight channels and can be set up with various devices. If the remote control is not being used, it is safely placed in the included magnetic wall-holder.



Remo 8 is suitable for the following devices:

- WS1000 Color control (version 1.1 and up), WS1 Color
- Solexa control (v. 3.6 and up), Arexa (v. 3.7 and up)
- WL305, WL610 ventilators (version 4.0 and up), WFL air supply (version 2.0 and up)
- RF-Relay (version 2.0 and up), RF-MSG motor control unit, RF-VM ventilation module
- XS MSG2-AP wireless motor control unit (v.2.0 and up)
- Lixa control unit

The software version of the device must be appropriate for interaction with the remote control!



Moisture is harmful to the electronic components of the hand-held transmitter. You must therefore:

- **Not leave it in the rain**
- **Not leave it outside overnight**
- **Protect it from frost**

1.1. Scope of delivery

- Hand-held transmitter with battery
- Wall-mounted holder with screw covers

1.2. Technical data

Housing	Plastic
Colours	<ul style="list-style-type: none"> • white/light grey • aluminium/graphite (partially painted)
Installation	with magnetic wall-holder
Protection category	IP 40
Dimensions	Transmitter approx. 41 x 140 x 21 (WxHxD, mm), Holder approx. 54 x 150 x 11 (WxHxD, mm)
Total weight	approx. 95 g
Ambient temperature	Operating 0...50 °C, storage -10...+60 °C
Ambient humidity	max. 95% rH, avoid condensation
Operating voltage	3 V CR2032 type battery
Radio frequency	868.2 MHz
Channels	8

The following standards were consulted during the evaluation of this product with respect to electromagnetic compatibility:

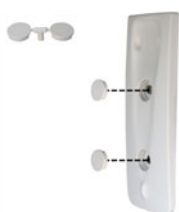
- EN 301 489-1 V1.8.1:2008-04
- EN 300 220-2 V2.1.2:2007-06

The product was tested by an accredited EMC-lab in compliance with the above-named standards.

2. Installation and commissioning

2.1. Installing the wall-mounted holder

The holder must be firmly screwed to the wall. Please use suitable dowels and screws as supports. The screws should then be covered with the provided screw covers. The hand-held transmitter is held in position in its tray with magnets.



2.2. Notes on radio devices

The design of radio communication devices must pay attention to sufficient radio signal reception. The range of radio controls is limited by legal regulations applicable to radio devices and by local structural conditions. Avoid source of disturbance and obstacles between transmitter and receiver that could disrupt radio communication. These include for example:

- Walls and ceilings (especially concrete).
- Metallic surfaces close to the radio network participant (e.g. aluminum frame of a winter garden).

- Other network participants and strong local transmitting devices (e.g. radio headphones) transmitting on the same frequency (868.2 MHz). Therefore, keep a minimum distance of 30 cm between radio transmitters.

2.3. Configuring and deleting a connection

Each of the hand-held transmitter's eight channels can control one or more radio channels (units).

2.3.1. WS1000 Color / WS1 Color control systems

Configuration:

1. Bring the control unit into the set-up readiness state: Menu *System > Installation > Wireless connection > Setup*. Please also follow the instructions in the manual.
2. Press the centre of the +/- button on the hand-held transmitter until an "S" for Setup and a number (channel) are displayed. The channel selected will not affect the configuration of the WS1000 Color/WS1 Color.
3. Press the Up arrow button to establish the wireless connection with the control system.
4. The remote control is now configured for the control system. The *System > Installation > Wireless connection > Status* menu item allows you to give the hand-held transmitter a separate name and assign individual drives and devices to the hand-held transmitter channels.



Deletion:

1. Delete the hand-held transmitter on the control system menu: Menu *System > Installation > Wireless connection > Delete*. Please also follow the instructions in the manual.

2.3.2. XS MSG2-AP motor control unit



Configuring and deleting should only be performed by a trained electrician!

Configuration:

1. Bring the desired channel of the motor control unit into the set-up readiness state (see manual chapter "Motor control unit wireless connection - Remo 8").
2. Bring the hand-held transmitter into the set-up readiness state by pressing the centre of the +/- button on the hand-held transmitter until an "S" for Setup and a number (channel) are displayed.
3. Using + or - change the hand-held transmitter channel that you would like to connect to the motor control unit channel (L 1 to L8).
4. Press the Up arrow button to establish the wireless connection with the motor control unit. The hand-held transmitter channel is now configured to the channel of the motor control unit.



Deletion:

1. Bring the desired channel of the motor control unit into the set-up readiness state (see manual chapter "Motor control unit wireless connection - Remo 8").
2. Bring the hand-held transmitter into the deletion readiness state. For this purpose press the +/- button in the centre till "S" appears in the display. Then press again till a "C" for Clear appears in the display.
3. Using + or - change to the hand-held transmitter that you want to delete (C 1 to C 8).
4. Press the Up arrow button to delete the wireless connection to the motor control unit channel.



2.3.3. Solexa / Arexa control units, WL305 / WL610 / WFL ventilators, RF relays, RF-VM



The configuration and deletion should only be performed by a trained electrician!

Configuration:

1. Bring the hand-held transmitter into the set-up readiness state by pressing the centre of the +/- button on the hand-held transmitter until an "S" for Setup and a number (channel) are displayed.
2. Using + or - change to the hand-held transmitter that you want to program (L 1 to L 8).
3. Press the programmer button inside the device using an insulated screwdriver. Now you can control the device with this hand-held transmitter channel.



Deletion:

1. Bring the held-held transmitter into the deletion readiness state. For this purpose press the +/- button in the centre till "S" appears in the display. Then press again till a "C" for Clear appears in the display
2. Using + or - change to the hand-held transmitter channel that you want to delete (C 1 to C 8).
3. Now press the programmer button inside the device using an insulated screwdriver. The wireless connection is deleted.



2.3.4. RF-MSG motor control units, RF relays-UP



The configuration and deletion should only be performed by a trained electrician!

Configuration:

1. Bring the hand-held transmitter into the set-up readiness state by pressing the centre of the +/- button on the hand-held transmitter until an "S" for Setup and a number (channel) are displayed.
2. Using + or - change to the hand-held transmitter channel that you want to program (L 1 to L 8).
3. Now activate the RF-MSG voltage supply. The motor control unit automatically configures a connection to the control unit/remote control 3 seconds after the mains voltage is applied. Now you can control the RF-MSG-connected drive with this hand-held transmitter channel.



Deletion:

1. Bring the held-held transmitter into the deletion readiness state. For this purpose press the +/- button in the centre till "S" appears in the display. Then press again till a "C" for Clear appears in the display.
2. Using + or - change to the hand-held transmitter channel that you want to delete (C 1 to C 8).
3. Now activate the RF-MSG voltage supply. The motor control unit will be cleared automatically 3 seconds after the mains voltage is applied.



2.4. Operating devices/motors using the transmitter

1. Select the hand-held transmitter channel that you want using the + and - buttons.



2. You can now operate the assigned device and/or drive using the Up, Down and Stop buttons.



	Switching devices	Dimming light	Elsner roof-top fans	Moving drives
	On/Off	Short: Off/On (last dim value) Long: Brighter	1 step up	Up Short: Incremental operation Long: Normal drive (up to end position)
	Off	On/Off	Off/closed	Stop
	On/Off	Short: Off/On (last dim value) Long: darker	1 step down	Down Short: Incremental operation Long: Normal drive (up to end position)

Sequence of ventilation steps for roof-top fan WL305/610:
Exhaust air8 - 7 - 6 - 5 - 4 - 3 - 1 - Off - Recirculation air 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8

3. Care and maintenance

Clean the hand-held transmitter with a damp cloth. Do not use detergent.

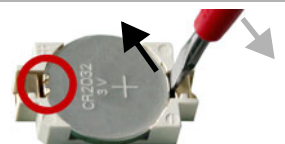
3.1. Troubleshooting

Device/drive does not react to button press:

Cause	Procedure
Wireless contact interrupted, transmitter too far from receiver	Choose another location
Battery drained	Replace the battery
No voltage to or faulty receiver unit	Switch on receiver unit (e.g. control unit). Should wireless contact still not be established, please contact Customer Service

3.2. Replace the battery

1. Open the housing panel on the rear of the hand-held transmitter (using a Phillips screwdriver).
2. Lift the used battery carefully out of the holder. Be careful of the clips when inserting the new battery.
CR2032 type battery, 3 V.



3. Screw the rear housing panel closed again.

Dispose of the used battery properly - empty batteries should not be thrown away in household refuse.