Remote Control Remo 8

1. Description

The **Remote control Remo 8** 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:
- WS1/WS1000 Color and WS1/WS1000 Style control (version 1.1 and up)
- Solexa control (v. 3.6 and up), Arexa (v. 3.7 and up)
- Solexa II
- WS1000 Connect
- WL305, WL610 ventilators (version 4.0 and up), WFL air supply (version 2.0 and up), WL400/800, WL-Z
- RF-Relay (version 2.0 and up), RF-MSG motor control unit, RF-VM ventilation module, RF-L dimmer
- KNX Touch One (Style) touch panel

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
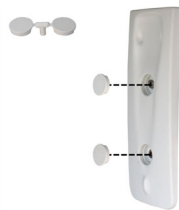- Wall-mounted holder with screw covers

1.2. Technical data

Housing	Plastic
Colours	• white/light grey • aluminium/graphite (partially painted)
Installation	with magnetic wall-holder
Degree of protection	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	5…95% rH, avoid condensation
Operating voltage	3 V CR2032 type battery
Radio frequency	868.2 MHz
Channels	8

The product conforms with the provisions of EU directives.

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 wireless equipment

When planning facilities with devices that communicate via radio, adequate radio reception must be guaranteed. The range of wireless control will be limited by legal regulation and structural circumstances. Avoid sources of interference and obstacles between receiver and transmitter, that could disturb the wireless communication. Those would be for example:

- Walls and ceilings (especially concrete and solar protection glazing).
- Metal surfaces next to the wireless participants (e. g. aluminium construction of a conservatory).
- Other wireless devices and powerful local transmitters (e.g. wireless headphones), which transmit on the same frequency. Please maintain a minimum distance of 30 cm between wireless transmitters for that reason.

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. WS1/WS1000 Color/Style/Connect 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 "L" for Learn and a number (channel) are displayed.
   The channel selected will not affect the configuration of the WS1/WS1000.
3. Press the Up arrow button to establish the wireless connection with the control system.
4. The "L" in the display goes out. 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.
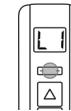
Deletion:

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. Solexa II control unit

Configuration:

1. Bring the control unit into the set-up readiness state: Menu *Base Settings > LEA*. Please also follow the instructions in the manual.
2. Press the centre of the +/- button on the hand-held transmitter until an "L" for Learn and a number (channel) are displayed.
   The channel selected will not affect the configuration of the WS1/WS1000.
3. Press the Up arrow button to establish the wireless connection with the control system.
4. The "L" in the display goes out. The remote control is now configured for the control system. The assignment of an output to a hand-held transmitter channel is made at the basic setting of the respective output. Menu: *Base Settings > OUt > SP X > INPt*

Deletion:

1. Delete the hand-held transmitter on the control system menu: Menu *Base Settings > StAt*. Please also follow the instructions in the manual.
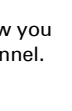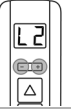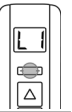
2.3.3. Solexa / Arexa control units, WL305 / WL610 / WFL ventilation units, RF-VM

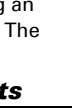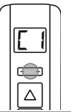⚠ **The configuration and deletion should only be performed by a trained electrician!**

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 "L" for Learn 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. The "L" in the display goes out. 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 "L" 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. The "C" in the display goes out.
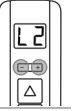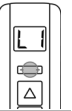
2.3.4. WL400 / WL800 / WL-Z ventilation units

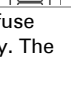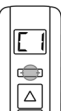To teach/delete the wireless connection, the fan cover *need not be removed*.

Configuration:

1. Bring the hand-held transmitter into the set-up readiness state by pressing and holding the centre of the +/- button on the hand-held transmitter until an "L" for Learn 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. Switch on the power supply to the fan or switch the power supply off briefly if the unit is already powered.
4. The fan will send a "Teach" telegram every 10 seconds for 5 minutes after connecting the power. This teaches the hand-held transmitter automatically.
   Once the "L" in the display has gone out, you can control the device with this hand-held transmitter channel.

Deletion:

1. Bring the held-held transmitter into the deletion readiness state. To do this, press and hold the middle of the +/- button until an "L" appears in the display. Then press again until 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. Switch off the power supply to the fan briefly (switch the fuse on/off). This clears the hand-held transmitter automatically. The "C" in the display goes out.

2.3.5. Modules RF-MSG, RF-Relay, RF-L

⚠ **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 "L" for Learn and a number (channel) are displayed.
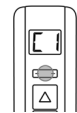
2. Using + or - change to the hand-held transmitter channel that you want to program (L 1 to L 8).

3. Now activate the voltage supply of RF-MSG or RF-Relay-UP. The device automatically configures a connection 3 seconds after the mains voltage is applied. The "L" in the display goes out.

Deletion:

1. Bring the held-held transmitter into the deletion readiness state. For this purpose press the +/- button in the centre till "L" 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. The "C" in the display goes out.

3. 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.

3.0.1. Devices, light, motors and ventilation units WFL / WL305 / WL610

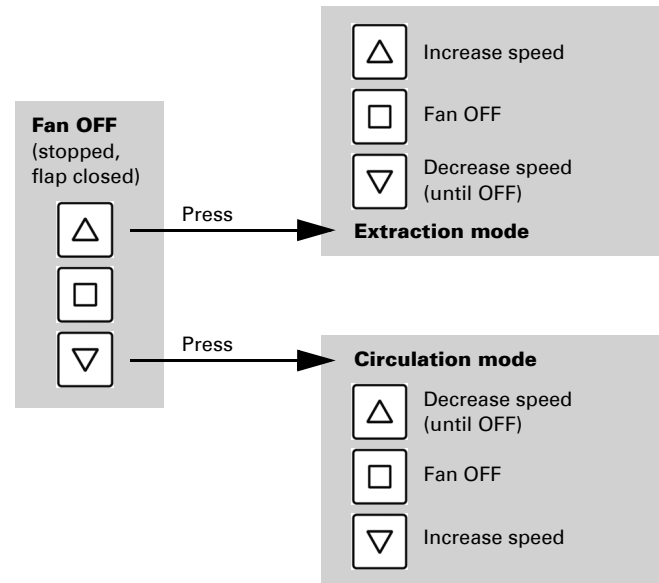|	Switching devices	Dimming light	Elsner roof-top fans	Moving drives
△	On/Off	*Short:* On (last dim value) *Long:* Brighter	1 step up	Up *Short:* Incremental operation *Long:* Normal drive (up to end position)
□	Off	Off	Off/closed	Stop
▽	On/Off	*Short:* Off *Long:* darker	1 step down	Down *Short:* Incremental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

3.0.2. Ventilation Units WL400 / WL800

You **tap on the arrow keys** to adjust the speed of the fan in 10% increments (10 fan speeds altogether).

Holding down the arrow keys changes the speed continuously. If you release the key, the speed stops changing.

Note: Radio interference (rarely) may cause the speed to continue changing after the key is released. In this case, tap the key again to stop it.

△	Increase speed
□	Fan OFF
▽	Decrease speed (until OFF)

Fan OFF (stopped, flap closed) △ → Press → **Extraction mode**

▽ → Press → **Circulation mode**

△	Decrease speed (until OFF)
□	Fan OFF
▽	Increase speed

Each time the **OFF** state is reached, the speed variation stops automatically, so that a direct change between extraction and circulation modes is impossible.

4. Care and maintenance

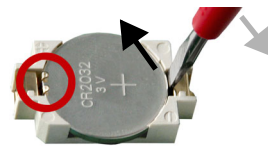Clean the hand-held transmitter with a damp cloth. Do not use detergent.

4.1. 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
Remote control is blocked, as one of the keys was stuck or was held down for more than 10 seconds (battery protection)	Press first the Up key and then the Down key to unlock the remote control

4.2. Replace the battery

1. Open the housing panel on the rear of the hand-held transmitter (using a cross-head 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.

5. Disposal

The device must not be disposed of with domestic waste and therefore is labelled with the "crossed-out dustbin" icon.

End users are statutorily required by s. 18 Battery Act to return old batteries. After use, the batteries can be returned to Elsner Elektronik free of charge or they can be recycled via a public-law waste management provider.