EN

Remo 8i
Remote Control

Item number 60521

elsner

Manual

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This manual is amended periodically and will be brought into line with new software releases. The change status (software version and date) can be found in the contents footer. If you have a device with a later software version, please check **www.elsner-elektronik.de** in the menu area "Service" to find out whether a more up-to-date version of the manual is available.

Clarification of signs used in this manual

Safety advice.

Safety advice for working on electrical connections, components, etc.

DANGER! ... indicates an immediately hazardous situation which will lead to death or severe injuries if it is not avoided.

WARNING! ... indicates a potentially hazardous situation which may lead to death or severe injuries if it is not avoided.

CAUTION! ... indicates a potentially hazardous situation which may lead to trivial or minor injuries if it is not avoided.

ATTENTION! ... indicates a situation which may lead to damage to property if it is not avoided.

1. General information

The device is designed exclusively for the intended use as described in this manual. Any improper modification or failure to follow the operating instructions voids any and all warranty and guarantee claims.

After unpacking the device, check it immediately for mechanical damage. If it has been damaged in transport, inform the supplier immediately.

Elsner Elektronik is not liable for any changes in norms and standards which may occur after publication of these operating instructions.

Information about installation, maintenance, the scope of delivery and the technical details can be found in the Installation instructions.

2. Description

The remote control offers up/down/stop and on/off control for eight channels and can be programmed for use with various devices. When the remote control is not in use, it is safely stored in the wall bracket that comes with it.

Functions:

- Battery, non-rechargeable: 2 × 1.5 V alkaline-manganese AAA/Micro (LR03)
- Maximum 8 channels (depends on the device with which the remote control is used)
- Once applied, settings can be transmitted to other **Remo 8i** devices via a wireless connection (cloning)

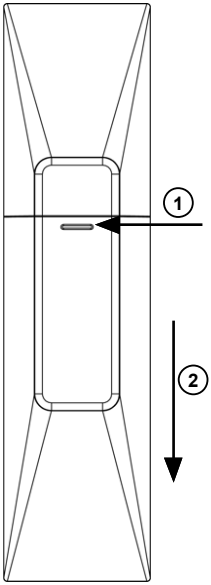
The Remo 8i remote control is suitable for drives and users of the following devices:

The device's software version must be appropriate for interaction with the remote control.

- Control units WS1/WS1000 Color, WS1/WS1000 Style, KNX WS1000 Style (version 1.1 and above)
- KNX Touch One (Style)
- Control unit Solexa II
- Solexa Home control unit
- WS1000 Connect control unit
- CasaConnect KNX control unit
- Solexa control unit (version 3.6 and above)
- Arexa control unit (version 3.7 and higher)
- WL400, WL800 and WL-Z ventilators, RF-VM ventilator module (version 1.0 and above)
- RF-Relay (version 2.0 and above)
- RF-MSG motor control unit (version 1.0 and above)
- RF-MSG-ST motor control unit (version 1.0 and above)
- RF-MSG(2)-DST motor control unit (version 1.0 and above)
- RF-L dimmer (version 1.0 and above)

2.1. Battery replacement

Fig. 1



Open the battery compartment on the back of the remote control by pressing your thumb into the indentation/

marking ① and simultaneously sliding the cover downwards ②. Do not use any sharp-edged tools!

Use alkaline batteries only. Rechargeable NiMH batteries are not permitted.

2.2. Cleaning

Please carefully clean the remote control with a display cleaning cloth. Do not use detergent.

3. Operation

Use the 5 navigation buttons to operate the Remo 8i.
Press the "+" and "-" buttons simultaneously for 3 seconds to access the settings menu and configure the following functions:

- Learning (program hand-held transmitter)
- Name (rename channels)
- Delete (delete hand-held transmitter)
- Font size (change font size)
- Direction of rotation (set motor's direction of rotation)
- Use channel (hide/show channels)
- Clone (transfer settings to other Remo 8i)
- Language (change language)
- Default setting (reset device)
- Info (device information)

A spanner icon is displayed in the top left corner of the settings menu. Depending on the settings menu, the current channel number is displayed directly next to it. The navigation

buttons that can be used are displayed on the left and right sides of the display. To exit the settings menu, press the up button multiple times as necessary.

An overview of the menu is included in the annex.

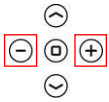
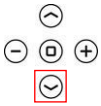
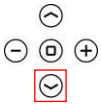
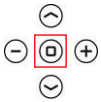
3.1. Configuring and deleting a hand-held transmitter connection

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

3.1.1. WS1/WS1000 Color/Style/Connect control units

Programming:

The channel selected will not affect the programming of the WS1/WS1000.

No.	Control step	Control buttons	Display
1.	Call up learning menu	3 s simultaneously 	Learning
2.	Select device		Learning WS1, WS1000, Solexa2 & Connect
3.	Confirm device		Press stop, if a different device is ready
4.	Change the control unit to Ready to learn: Menu *System > Installation > Radio connection > Learn*. Please also follow the instructions in the manual.		
5.	Confirm ready to learn		Device has been successfully programmed
6.	In the control unit menu *System > Installation > Radio connection > Status* you can give the hand-held transmitter a name and assign drives and devices to the individual hand-held transmitter channels.		

Delete:

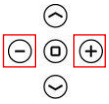
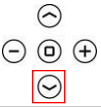
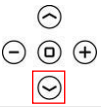
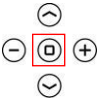
1.	Delete the hand-held transmitter in the control menu: Menu *System > Installation > Radio connection > Delete*. Please also follow the instructions in the manual.

3.1.2. Control unit Solexa II

Programming:

The channel selected will not affect the programming of the Solexa II.

No.	Control step	Control buttons	Display

1.	Call up learning menu	 3 s simultaneously	Learning
2.	Select device		Learning WS1, WS1000, Solexa2 & Connect
3.	Confirm device		Press stop, if a different device is ready
4.	Change the control unit to Ready to learn: *Basic settings > LER*. Please also follow the instructions in the manual.		
5.	Confirm ready to learn		Device has been successfully programmed
6.	The assignment of an output to a hand-held transmitter channel is carried out during the basic setting of the respective output. Control unit menu: *Basic settings > OUTP > SP X > INP.*		

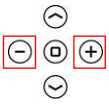
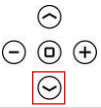
Delete:

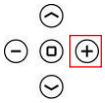
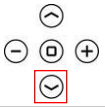
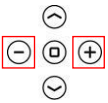
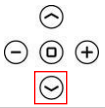
1.	Delete the hand-held transmitter in the control unit menu: *Basic settings > StAt*. Please also follow the instructions in the manual.

3.1.3. Solexa / Arexa / WL305 venmtilator / WL610 / WFL, RF-VM controls

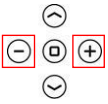
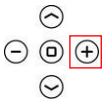
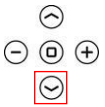
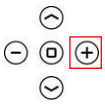
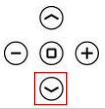
Programming and deletion may only be carried out by a qualified electrician (according to VDE 0100)!

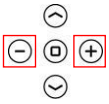
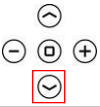
Programming:

No.	Control step	Control buttons	Display
1.	Call up learning menu	 3 s simultaneously	Learning
2a.	Select device		Learning [last selected device]

2b.	Select device		Learning Solexa, Arexa, WL305, WL610
3.	Confirm device		Learning [last selected channel]
4.	Select hand-held transmitter channel		Learning [individual channel name]
5.	Confirm hand-held transmitter channel		Activate connection mode on another device
6.	Press the programming button inside the device (Solexa / Arexa / Ventilator WL305 / WL610 / WFL, RF-VM) with an insulated screwdriver. The displayed text is deleted. Now you can control the device with this hand-held transmitter channel.		

Delete:

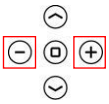
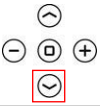
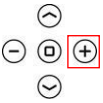
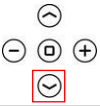
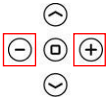
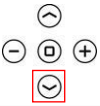
No.	Control step	Control buttons	Display
1.	Call up settings menu	 3 s simultaneously	Learning
2.	Select delete	 2 ×	Delete
3.	Confirm delete		Delete [last selected device]
4.	Select device		Delete Solexa, Arexa, WL305, WL610
5.	Confirm device		Delete [last selected channel]

6.	Select hand-held transmitter channel		Delete [individual channel name]
7.	Confirm hand-held transmitter channel		Activate connection mode on another device
8.	Press the programming button inside the device (Solexa / Arexa / Ventilator WL305 / WL610 / WFL, RF-VM) with an insulated screwdriver in order to delete the radio connection. The displayed text is deleted.		

3.1.4. Ventilators WL400/ WL800 / WL-Z

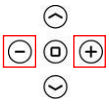
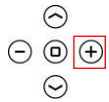
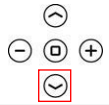
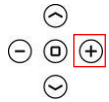
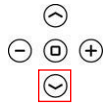
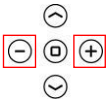
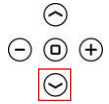
The ventilator can remain closed when programming/deleting the radio connection.

Programming:

No.	Control step	Control buttons	Display
1.	Call up learning menu	 3 s simultaneously	Learning
2a.	Select device		Learning [last selected device]
2b.	Select device	 2 × [depending on the previous setting]	Learning WL400, WL800, WL-Z
3.	Confirm device		Learning [last selected channel]
4.	Select hand-held transmitter channel		Learning [individual channel name]
5.	Confirm hand-held transmitter channel		Activate connection mode on another device
6.	Switch on the power supply to the fan or switch the power supply off briefly if the unit is already powered.		

7.	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 text in the display has gone out, you can control the device with this hand-held transmitter channel.

Delete:

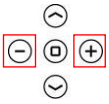
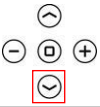
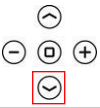
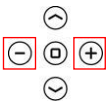
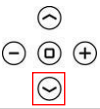
No.	Control step	Control buttons	Display
1.	Call up settings menu	 3 s simultaneously	Learning
2.	Select delete	 2 ×	Delete
3.	Confirm delete		Delete [last selected device]
4.	Select device		Delete WL400, WL800, WL-Z
5.	Confirm device		Delete [last selected channel]
6.	Select hand-held transmitter channel		Delete [individual channel name]
7.	Confirm hand-held transmitter channel		Activate connection mode on another device
8.	Switch off the power supply to the ventilator briefly (switch the fuse on/off). This deletes the hand-held transmitted automatically. The “C” on the display disappears.		

3.1.5. RF-MSG, RF-Relay, RF-L modules

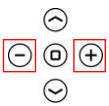
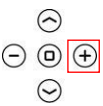
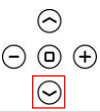
Programming and deletion may only be carried out by a qualified electrician (according to VDE 0100).

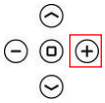
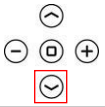
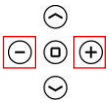
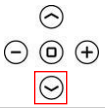
Programming:

No.	Control step	Control buttons	Display

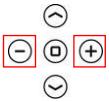
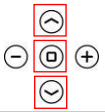
1.	Call up learning menu	 3 s simultaneously	Learning
2a.	Select device		Learning [last selected device]
2b.	Select device	3 × [depending on the previous setting]	Learning RF-MSG, RF-L, RF relay
3.	Confirm device		Learning [last selected channel]
4.	Select hand-held transmitter channel		Learning [individual channel name]
5.	Confirm hand-held transmitter channel		Activate connection mode on another device
6.	Activate the RF-MSG or RF relay voltage supply. The motor control unit automatically teaches itself 3 seconds after the mains voltage is applied. The displayed text is deleted.		

Delete:

No.	Control step	Control buttons	Display
1.	Call up settings menu	 3 s simultaneously	Learning
2.	Select delete	 2 ×	Delete
3.	Confirm delete		Delete [last selected device]

4.	Select device		Delete RF-MSG, RF-L, RF relay
5.	Confirm device		Delete [last selected channel]
6.	Select hand-held transmitter channel		Delete [individual channel name]
7.	Confirm hand-held transmitter channel		Activate connection mode on another device
8.	Activate the RF-MSG voltage supply. The radio connection will be cleared automatically 3 seconds after the mains voltage is applied. The “C” on the display disappears.		

3.2. Operating devices and motors using the hand-held transmitter

No.	Control step	Control buttons	Display
1.	Select hand-held transmitter channel		[individual channel name]
2.	Operate device or drive		[individual channel name]

3.2.1. Devices, light, motors and ventilators

	Device **Switching**	**Light** **Dimming** (With Lixa from software 2.5)	**Elsner roof ventilator**	**Motors** **Move**

	On/Off	*Short:* On (last dimming value) *Long:* Brighter	1 level up	Up *Short:* Step operation *Long:* Movement operation (to end position)
	Off	Off	Off/Closed	Stop
	On/Off	*Short:* Off *Long:* Darker	1 level down	Down *Short:* Step operation *Long:* Movement operation (to end position)

Sequence of ventilation levels, roof ventilator WL305/610:

Exhaust air 8 – 7 – 6 – 5 – 4 – 3 – 2 – 1 – Off – Circulation air 1 – 2 – 3 – 4 – 5 – 6 – 7 – 8

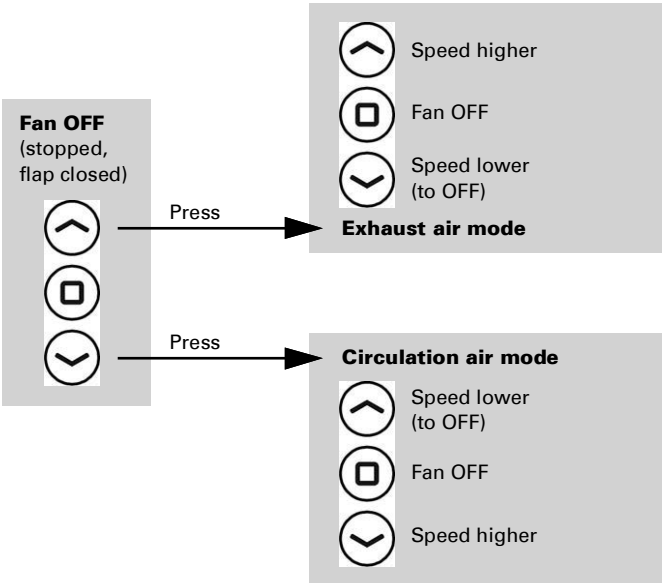
Sequence of ventilation levels, roof ventilator WL305/800:

Exhaust air 10 – 9 – 8 – 7 – 6 – 5 – 4 – 3 – 2 – 1 – Off – Circulation air 1 – 2 – 3 – 4 – 5 – 6 – 7 – 8 – 9 – 10

A **briefly pressing the arrow keys** adjusts the speed of the fan in 10% increments (10 fan speeds altogether).

Longer pressing of the arrow keys changes the speed continuously. If the key is released, the change in speed stops.

Note: In rare cases, the speed continues to change after the key has been released because of radio problems. In this case, briefly press the key again to stop it.



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

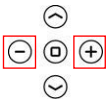
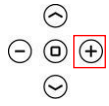
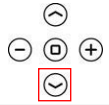
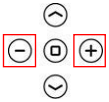
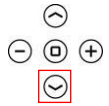
3.2.2. Troubleshooting

Device/drive does not react to button press:

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

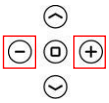
3.3. Rename channel

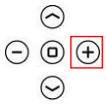
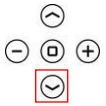
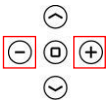
Give the radio channels meaningful names.

No.	Control step	Control buttons	Display
1a.	Call up settings menu	 3 s simultaneously	Learning
1b.	Select settings menu		Name
2.	Confirm settings menu		Name [last selected channel]
3.	Select hand-held transmitter channel		Name [individual channel name]
4.	Confirm hand-held transmitter channel		Name [individual channel name] GHIJKLMNOÖP – Aa1# 1 <- +
5.	The selection has a black background. Use the Up/Down/+/– buttons to select between the four fields: ① Character selection (third line) ② Upper/lower case / special characters (bottom left) ③Character selection (bottom middle) ④ Delete (bottom right) The following functions are performed with the Stop button: ① Use character ② Character selection changes between upper and lower case and numbers with special characters ③ The channel name comprises 2 lines. Move between line 1 and line 2 ④ Delete last character of the name		Name [Individual channel name line 1] ① GHIJKLMNOÖP – ② Aa1# ③ 1 ④ <- +

3.4. Set font size

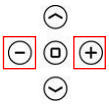
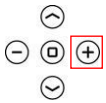
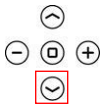
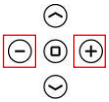
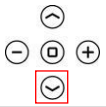
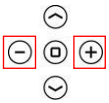
The fotn size of the channel names can be changed.

No.	Control step	Control buttons	Display
1a.	Call up settings menu	 3 s simultaneously	Learning

1b.	Select settings menu	 3 ×	Font size
2.	Confirm settings menu		Font size Large
3.	Select font size		Font size Large / Normal

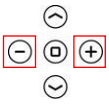
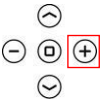
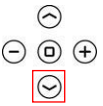
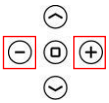
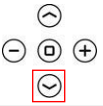
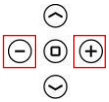
3.5. Set direction of rotation

Change the direction of rotation if the up and down connection cables were reversed when connecting the drive.

No.	Control step	Control buttons	Display
1a.	Call up settings menu	 3 s simultaneously	Learning
1b.	Select settings menu	 4 ×	Direction of rotation
2.	Confirm settings menu		Direction of rotation [last selected channel]
3.	Select hand-held transmitter channel		Direction of rotation [individual channel name]
4.	Confirm hand-held transmitter channel		Direction of rotation [last selected setting]
5.	Select direction of rotation		Direction of rotation Inverse / Normal

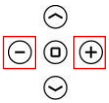
3.6. Use channel

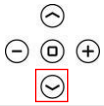
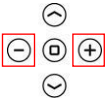
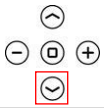
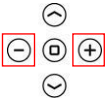
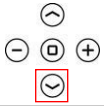
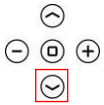
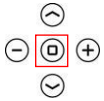
In the as-delivered condition, all radio channels can be accessed using the +/- buttons. However, you can hide individual radio channels for operation.

No.	Control step	Control buttons	Display
1a.	Call up settings menu	 3 s simultaneously	Learning
1b.	Select settings menu	 5 ×	Channel use
2.	Confirm settings menu		Use [last selected channel]
3.	Select hand-held transmitter channel		Use [individual channel name]
4.	Confirm hand-held transmitter channel		Use [last selected setting]
5.	Show/hide channel		Use Show / Hide

3.7. Clone

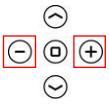
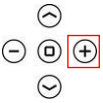
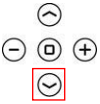
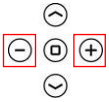
With the clone function you can transfer the settings (channel texts) and, if necessary, also the connections to devices to another Remo 8i.

No.	Control step	Control buttons	Display
1a.	Call up settings menu	 3 s simultaneously	Learning
1b.	Select settings menu	6 ×	Clone

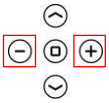
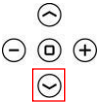
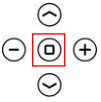
2.	Confirm settings menu		Clone [last selected setting]
First Remo 8i should transfer the settings			
3.	Select “Transfer settings”		Clone Transfer settings
4.	Confirm “Transfer settings”		Activate connection mode on another device
Second Remo 8i should receive the settings			
5.	Select “Receive settings”		Clone Receive settings
6.	Confirm “Receive settings”		Clone Settings & connections
7.	Select “Only settings” or "Settings & Connections”		Press stop if a different device is ready
8.	Confirm transfer		Data is received
Both Remo 8i's display			
9.			Process completed

3.8. Select language

When delivered, the menu language is German The following additional languages can be set: English, Spanish, French, and Italian.

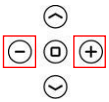
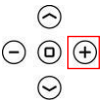
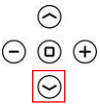
No.	Control step	Control buttons	Display
1a.	Call up settings menu	 3 s simultaneously	Learning
1b.	Select settings menu	 7 ×	Language
2.	Confirm settings menu		Language [last selected language]
3.	Select language		Language DE / EN / ES / FR / IT

3.9. Reset to factory settings

No.	Control step	Control buttons	Display
1a.	Call up settings menu	 3 s simultaneously	Learning
1b.	Select settings menu	8 ×	Factory settings
2a.	Confirm factory settings		Press Stop for 3 s
2b.	Reset to factory settings	 3 s	[Restart]

3.10. Device information

The software version and serial number can be read on the device. For cloned devices, the serial number of the device whose settings have been adopted (SN2) is also displayed.

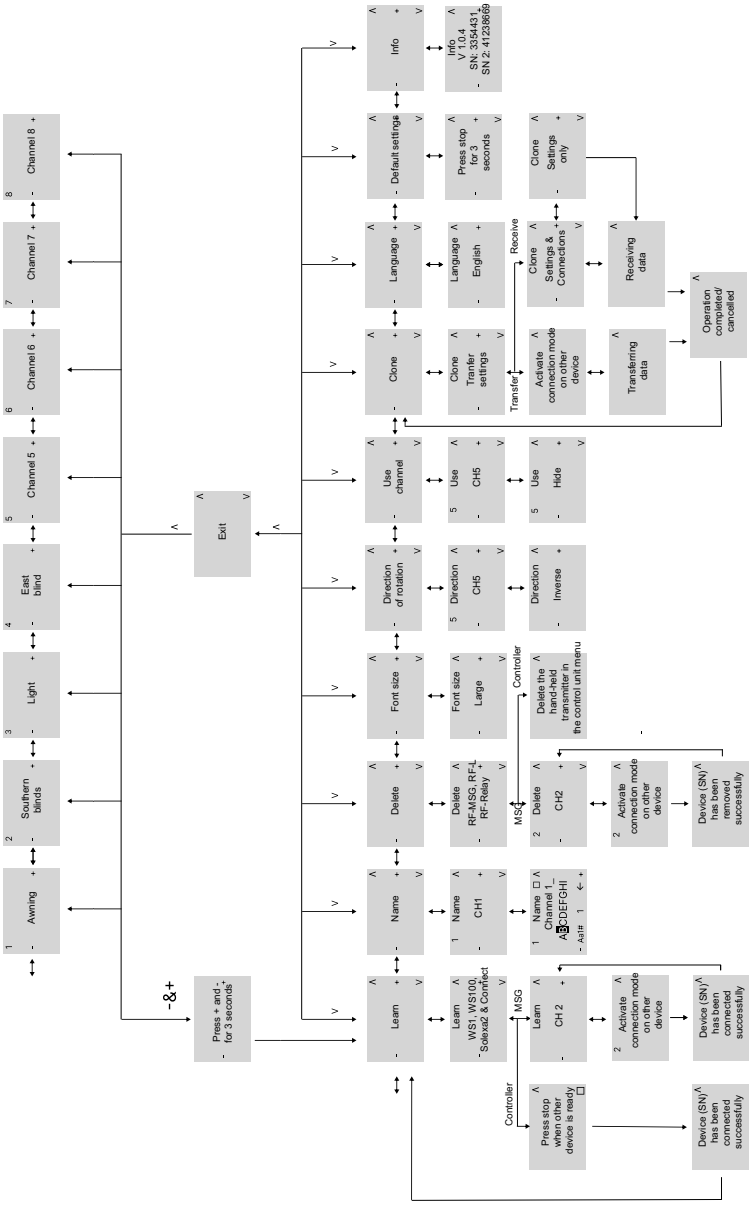
No.	Control step	Control buttons	Display
1a.	Call up settings menu	 3 s simultaneously	Learning
1b.	Select settings menu	 9 ×	Info
2.	Display information		Info [Software version] [Serial number]

4. Disposal

Observe the statutory provisions and do not dispose of with domestic waste!

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.

5. Annex


1 Awning
2 Southern blinds
3 Light
4 East blind
5 Channel 5
6 Channel 6
7 Channel 7
8 Channel 8
Exit
Press + and - for 3 seconds
Learn
CH 2
Activate connection mode on other device
Device (SN) has been connected successfully
Press stop when other device is ready
Learn WS1, WS100, Soexa2 & Comfect
Name
Channel I
CH1
Delete
RF-MSG, RF-L, RF-Relay
Font size
Large
Delete the handheld transmitter in the control unit menu
Direction of rotation
Inverse
Use channel
Hide
CH5
Clone
Transfer settings
Activate connection mode on other device
Transferring data
Operation completed/ cancelled
Receiving data
Clone Settings & Connections
Clone Settings only
Language
English
Default settings
Press stop for 3 seconds
Info
Info V 1.0.4 SN: 3354431 SN 2: 41238869
Transfer
Receive
Controller
MSG

Questions about the product?

Please contact your specialist retailer or, if you purchased the product directly from Elsner Elektronik, our technical service at
Tel. +49 (0) 70 33 / 30 945-250 or
service@elsner-elektronik.de

We need the following information to process your service request:

- Type of appliance (model name or item number)
- Serial number or software version
- Description of the problem
- Proof of purchase (invoice)

elsner

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