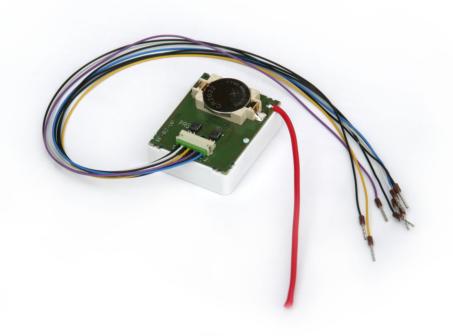


RF-B2-UP

Radio-button interface

Item number 60540





Installation and Adjustment

1.	Safety and operating instructions				
	Description				
3.	Commissioning	4			
3.1.	Creating and deleting wireless connections	4			
	3.1.1. Controls WS1 and WS1000 Color/Style/Connect	4			
	3.1.2. XS MSG2-AP motor control device	4			
	3.1.3. Controls Solexa / Arexa / Lixa, ventilator WL305 / WL610 / WFL, RF relay, R VM 5	F-			
	3.1.4. Ventilation units WL400/WL800, WL-Z	6			
	3.1.5. Motor control devices RF-MSG, RF relay UP	6			
	3.1.6. Control Solexa II	7			
4.	Operation	7			
4.1.	Pushbutton functions	7			
	4.1.1. Order of the ventilation levels	8			

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-todate 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. Safety and operating instructions



Installation, testing, operational start-up and troubleshooting should only be performed by an authorised electrician.



CAUTION! Live voltage!

There are unprotected live components inside the device.

- Inspect the device for damage before installation. Only put undamaged devices into operation.
- Comply with the locally applicable directives, regulations and provisions for electrical installation.
- Immediately take the device or system out of service and secure it against unintentional switch-on if risk-free operation is no longer guaranteed.

Use the device exclusively for building automation and observe the operating instructions. Improper use, modifications to the device or failure to observe the operating instructions will invalidate any warranty or guarantee claims.

Operate the device only as a fixed-site installation, i.e. only in assembled condition and after conclusion of all installation and operational start-up tasks, and only in the surroundings designated for it.

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

For information on installation, maintenance, disposal, scope of delivery and technical data, please refer to the installation instructions.

2. Description

The **Button interface RF-B2-UP** features four connections for two double buttons (up/down or on/off) and transfers the switching signals to the taught device by radio.

Suitable for the following devices:

- Control WS1 Color from version 1.597
- Controls WS1 Style and (KNX) WS1000 Style
- Control WS1000 Connect
- Control Solexa from version 3.6
- Control Solexa II from software version 1.0
- Control Arexa from version 3.7
- Ventilation units WL400 and WL800 from version 1.0
- Air supply unit WL-Z from version 1.0, WFL from version 2.0
- RF relay from version 2.0, RF-MSG, RF-VM
- F-Con radio units RF-HE-ST, RF-MSG-ST, RF-Relais-ST, RF-MSG(2)-DST, RF-L PWM-ST, RF-L LED-ST, RF-L UN-ST, RF-L-DST 1-10 V, RF-L-DST DALI

3. Commissioning

3.1. Creating and deleting wireless connections

Each of the pushbuttons connected to input 1 and 2 controls one or several drives/devices.

3.1.1. Controls WS1 and WS1000 Color/Style/Connect

Learn:

- 1. Prepare control for learning:
 - Menu System > Installation > Radio connection> Learning.
 - Please also follow the instructions in the manual.
- 2. Teaching the pushbutton interface:
 - Briefly press the PRG key 1 or 2 on the pushbutton interface once.
 - The selected PRG key will not affect the configuration of the WS1000 Color/ WS1 Color.
- 3. Acknowledgement from the control system:
 - · Control signals "device taught".

Once the **Button interface RF-B2-UP** has been taught to know the control, you can assign a name to the pushbutton interface in the menu *System > Installation > Radio connection > Status* and assign drives and devices to pushbutton 1 and 2 ("channel" 1 and 2).

Deletion:

- 1. Deleting a radio connection:
 - On the control, call up the menu item System > Installation > Radio connection> Delete.
 - Please also follow the instructions in the manual.

3.1.2. XS MSG2-AP motor control device



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

Learn:

- 1. Prepare motor control device for learning:
 - (also see chapter "Radio connection motor control device Remo 8" in the manual)
 - Press the learning/deletion key of the motor control device briefly 3 times until the left LED comes on.
 - For the right channel, press the learning/deletion key of the motor control device briefly 4 times until the right LED comes on.
- 2. Teaching the pushbutton interface:
 - Press the PRG key 1 (for pushbutton 1) or 2 (for pushbutton 2) on the pushbutton interface once briefly.

The pushbutton is now configured to the channel of the motor control unit.

Deletion:

- Prepare control for deletion: (see also the chapter "Radio connection motor control device - Remo 8" in the manual)
 - Press the learning/deletion key of the motor control device briefly 3 times until the left LED comes on.
 - For the right channel, press the learning/deletion key of the motor control device briefly 4 times until the right LED comes on.
- 2. Deleting the pushbutton interface:
 - Press the PRG key 1 (for pushbutton 1) or 2 (for pushbutton 2) on the pushbutton interface once for more than 3 seconds until the programming LED comes on.
 - Press the PRG once again for longer than 3 seconds until the programming LED flashes (= ready for deletion)
 - Press the PRG key once again briefly.

The wireless connection is deleted.

3.1.3. Controls Solexa / Arexa / Lixa, ventilator WL305 / WL610 / WFL, RF relay, RF-VM



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

Learn:

- 1. Prepare pushbutton interface for learning:
 - Press the PRG key 1 (for pushbutton 1) or 2 (for pushbutton 2) on the pushbutton interface once for more than 3 seconds until the programming LED comes on (= ready for learning)
- 2. Teach controls, ventilators or relays:
 - Press the programming button inside the device briefly a single time using an insulated screwdriver.

The pushbutton is now taught for the device.

Deletion:

- 1. Prepare pushbutton interface for deletion:
 - Press the PRG key 1 (for pushbutton 1) or 2 (for pushbutton 2) on the pushbutton interface once for more than 3 seconds until the programming LED comes on.
 - Press the PRG once again for longer than 3 seconds until the programming LED flashes (= ready for deletion)
- 2. Delete controls, ventilators or relays:
 - Press the programming button inside the device briefly a single time using an insulated screwdriver.

The wireless connection is deleted.

3.1.4. Ventilation units WL400/WL800, WL-Z



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

Learn:

- 5. Prepare pushbutton interface for learning:
 - Press the PRG key 1 (for pushbutton 1) or 2 (for pushbutton 2) on the pushbutton interface once for more than 3 seconds until the programming LED comes on (= ready for learning)
- 6. Teach ventilation unit:
 - Switch on the 230 V power supply to the fan and/or shut off the power supply briefly if the unit is already supplied with power. The fan automatically teaches itself after the mains voltage is applied.

Deletion:

- 1. Prepare pushbutton interface for deletion:
 - Press the PRG key 1 (for pushbutton 1) or 2 (for pushbutton 2) on the pushbutton interface once for more than 3 seconds until the programming LFD comes on.
 - Press the PRG once again for longer than 3 seconds until the programming LED flashes (= ready for deletion)
- 2. Deleting a ventilation unit:
 - Switch on the 230 V power supply to the fan and/or shut off the power supply briefly if the unit is already supplied with power. The radio connection will be cleared automatically after the mains voltage is applied.

3.1.5. Motor control devices RF-MSG, RF relay UP



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

Learn:

- 1. Prepare pushbutton interface for learning:
 - Press the PRG key 1 (for pushbutton 1) or 2 (for pushbutton 2) on the pushbutton interface once for more than 3 seconds until the programming LED comes on (= ready for learning)
- 2. Teach relay or motor control device:
 - Switch on the voltage supply of the RF-MSG or RF relay UP. The motor control unit automatically teaches itself 3 seconds after the mains voltage is applied.

Deletion:

- 1. Prepare pushbutton interface for deletion:
 - Press the PRG key 1 (for pushbutton 1) or 2 (for pushbutton 2) on the pushbutton interface once for more than 3 seconds until the programming LED comes on.
 - Press the PRG once again for longer than 3 seconds until the programming LED flashes (= ready for deletion)
- 2. Deleting a relay or motor control device:
 - Switch the voltage supply of the RF-MSG or RF relay UP off and then on again. The radio connection will be cleared automatically 3 seconds after the mains voltage is applied.

3.1.6. Control Solexa II

Learn:

- 1. Prepare control for learning:
 - Menu base settings > LEA.
 - · Please also follow the instructions in the manual.
- 2. Teaching the pushbutton interface:
 - Press the PRG key 1 (for pushbutton 1) or 2 (for pushbutton 2) on the pushbutton interface once briefly.

The pushbutton is now taught for the control.

Deletion:

- 1. Deleting a radio connection:
 - On the control, call up the menu item base settings > LEA > StAt > settings key > SET key.
 - Please also follow the instructions in the manual.

4. Operation

4.1. Pushbutton functions

Up/Down via the connected up/down double pushbutton

Integrated pushbutton automatics:

- Key pressed briefly = step operation
- Key pressed for a longer time = movement to final position
- Briefly pressing the opposite direction key = stop

On/Off via the connected double pushbutton (pushbutton 1 = on, pushbutton 2= off)

Dimming via the connected up/down double pushbutton

Integrated pushbutton automatics:

- "Up" briefly = ON with the last dimming value.
- "Up" long = brighter
- "Down" briefly = OFF

• "Down" long = darker

4.1.1. Order of the ventilation levels

Ventialtion units WL305/610 and WL400/800: Exhaust air 8-7-6-5-4-3-1- off- Circulation air 1-2-3-4-5-6-7-8

