



## Operating instructions (translation)

### Product contents

- Wall transmitter module
- CR 2032 batter (installed)
- **elero** frame
- Black fixing plate with fixing set (wall plugs and screws)
- Operating instructions

### Technical data

Power supply	3 V battery, CR 2032
Radio frequency [MHz] (band)	915
Emitted Power [dBm]	2
Channels	1 (bidirectional)
Connections, terminals	None
Operating temperature [°C]	0 ... 50
Protection class (IP)	20
Dimensions (W x H x D) [mm]	
Wall transmitter module	50 x 50 x 9.6
Fixing plate	approx. 75 x 75
elero frame	approx. 80 x 80
Weight [g]	approx. 50
Type of mounting	Wall mounting
Item number	286500901

### Safety instructions



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Please read this operating manual carefully as the procedure in this manual is a prerequisite for correct use of the product. Only operate the transmitter within sight of the devices being controlled. The figures in this operating manual are for illustration purposes only. The illustrations may differ from your product with respect to minor details and are provided for general information only. **elero** GmbH is continually striving to improve all products. As a result, the specifications, features and technology of this product may be changed at any time. The information in this operating manual is based on current information at the time of publication. No claims can be derived from the technical data, images and information in this operating manual.

### Intended use Foreseeable misuse

Use only in dry rooms for controlling **elero** radio receivers and **elero** radio drives. Do not make any changes to the unit. Do not operate the transmitter inadvertently or carelessly. The manufacturer will not assume liability for damage caused by the above.

### Installation and commissioning

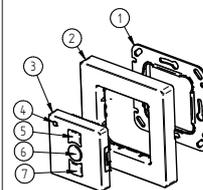
Make sure the radio link is unobstructed. Avoid installing the unit in a distributor box or metal housing, in direct proximity to large metal objects, or on or close to the floor. Check the installation surface for hidden cables, etc.

#### Installation:

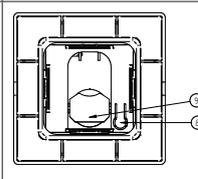
1. Attach the fixing plate to the installation location using the screws and wall plugs.
2. Insert the wall transmitter and the **elero** frame into the fixing plate at a right angle with the wall.
3. For programming the wall transmitter to the radio control or receiver, see "Programming the transmitter / channel".

### Installation / Replacing the battery

- ① Fixing plate
- ② **elero** frame
- ③ Wall transmitter module
- ④ Status LED
- ⑤ UP button
- ⑥ STOP button
- ⑦ DOWN/CLOSE button



- ⑧ Programming button **P** (on back of device)
- ⑨ Battery compartment



### Replacing the battery

The coding of the transmitter is retained after the battery is replaced; the coding does not have to be re-programmed to the remote control or the radio receiver.

1. Pry the wall transmitter and the **elero** frame out of the fixing plate.
2. Carefully pull out the battery from the side using a blunt, insulated tool. Use only CR 2032 batteries. Make sure the polarity is correct. The positive terminal must be visible.
3. Reinsert the wall transmitter into the fixing plate.

Dispose of used batteries in accordance with environmental regulations.

### Function

- 1-wall transmitter, bidirectional
- Radio frequency for reliable transmission
- **UP, STOP, DOWN/CLOSE** button, programming button **P** (on rear)
- Status LED for displaying system status

### Programming

#### Programming the transmitter / channel for multiple receivers

Requirement: The receiver is installed

1. Switch the circuit on and off: The receiver will remain in programming mode for approximately 5 minutes.
2. Position yourself with the transmitter to be programmed within sight and radio range of the blind.
3. Press the programming button **P** for 1 s. The blind will move up and down for approximately 2 minutes (programming mode). If several receivers are connected to the same feed line, then all are simultaneously ready to program. The blinds will start moving up and down randomly. The longer programming is delayed, the greater the offset will be. Individual transmitters can now be assigned to the respective receiver. You can stop receivers that you do not want to program by pressing the **STOP** button on an already programmed transmitter. You can now make the channel assignment/change without having to disconnect the individual receivers.
4. Press the **UP** button (max. 1 second) after the start of upward travel. The blind will stop for a short time.
5. Press the **DOWN/CLOSE** button (max. 1 second) after the start of downward travel. The blind will stop.
6. If the blind moves in the opposite direction or the blind does not stop after programming, delete the transmitter from the receiver and repeat the programming process.
7. MonoTec-915 is now programmed.

#### Stopping programming mode in the transmitter

Press the **STOP** button for at least 6 seconds until the status LED lights up orange.

#### Programming additional transmitters to one receiver

1. Press the **UP, DOWN/CLOSE** and **P** buttons simultaneously for 3 s on a transmitter that has already been programmed to the receiver. The indicator light will light up briefly. The receiver will remain in programming mode for approximately 5 minutes. Press the programming button **P** on the transmitter to be programmed until the indicator light lights up.
2. Press the **UP** button (max. 1 second) after the start of upward travel. The indicator light will light up briefly. The blind will stop, restart, stop and then move downwards.
3. Press the **DOWN/CLOSE** button (max. 1 second) after the start of downward travel. The indicator light will light up briefly. The blind will stop.
4. The transmitter or the transmitter channel has been programmed.

#### Deleting individual transmitters / channels

1. Press and hold down the **STOP** button and the programming button **P** simultaneously for approximately 6 s.
2. The indicator light will light up orange and then red.

#### Deleting all transmitters

To perform a factory reset, all selected drives must be supplied with power.

1. Press and hold down the **STOP** and **P** and **UP** and **DOWN/CLOSE** buttons simultaneously for approximately 6 s.
2. The indicator light will light up orange/green and then red.

## Configuring the drive

### Programming the intermediate position

Requirement:

The blind is in the upper end position.

1. Press the **DOWN/CLOSE** button until the desired intermediate position is reached.
2. Additionally press the **STOP** button.

The blind will stop. The intermediate position has now been stored.

### Programming the ventilation / tilting / fabric tautening positions

Requirement:

The blind is in the lower end position.

1. Press the **UP** button until the louvers open, the venetian blind slats are tilted or the awning fabric is taut.
2. Additionally press the **STOP** button. The blind will stop. The ventilation / tilting / fabric tautening position has been stored.

### Moving to the intermediate position

Requirement:

The intermediate position has been programmed.

1. Press the **DOWN/CLOSE** button twice quickly. The blind will move to the stored intermediate position.

If no intermediate position has been programmed, the blind will move to the lower end position.

Important: If you are using venetian blinds and a programmed tilt position, the venetian blind slats will also tilt.

If no tilt position has been preprogrammed, the blind will stop at the intermediate position with closed slats.

### Moving to the ventilation / tilting / fabric tautening positions

Requirement:

The ventilation / tilting / fabric tautening position has been programmed.

1. Press the **UP** button twice quickly. The blind will move to the stored position. If no ventilation / tilting / fabric tautening position has been programmed, the blind will travel to the upper end position.

You can also use a programmed hand-held transmitter to travel to the ventilation / tilting / fabric tautening position.

### Deleting the intermediate position

Requirement: The transmitter is programmed.

1. Press and hold down the **DOWN/CLOSE** button and the **STOP** button simultaneously for approximately 3 s.

The intermediate position is now deleted.

The indicator light will light up briefly.

### Deleting the ventilation position / tilting position / fabric tautening position

Requirement: The transmitter is programmed.

1. Press and hold down the **UP** button and the **STOP** button simultaneously for approximately.

The ventilation / tilting / fabric tautening position has now been deleted.

## Synchronised programming mode

For programming one transmitter to multiple receivers at the same time.

1. Press the **DOWN/CLOSE** buttons and the programming button **P** simultaneously for 3 s on a transmitter that has already been programmed to the receiver. The status LED flashes orange and green multiple times. The receivers are now in programming mode.
2. Perform steps 2 to 7 under "Programming the transmitter / channel" with the transmitter to be programmed.

## Status LEDs and their meanings

Orange flashing slowly	Channel (transmitter) not programmed in any receiver
Orange flashing quickly	Channel (transmitter) is in programming mode. Operation of already programmed receivers is not possible.
Orange flashing quickly (approx. every 2 seconds)	More than 10 receivers are ready for programming.
Orange lights up, then green	Transmit signal is being sent, all response messages received
Orange or green flashes several times, then red after 6 seconds	Channel (transmitter) has been deleted
Orange lights up, then red	Transmit signal is being sent, not all response messages received
Red flashing quickly	Battery almost depleted

## Warranty

Within the legal warranty period, we will remedy any defects caused by material or manufacturing defects by repairing or replacing the unit. Unauthorised modifications will void the warranty.

## Service / manufacturer's address

If malfunctions have occurred or the device has been damaged despite proper handling, contact your contractor or dealer.

**elero** GmbH  
73278 Schlierbach  
GERMANY  
[www.elero.de](http://www.elero.de)

## Repair

Please specify the item number, item description, type of fault, situational circumstances, presumed cause, unusual events prior to the problem.

## Notes on troubleshooting

Fault	Cause	Remedy
Drive not running, indicator light not illuminating	Battery depleted The battery is incorrectly installed	Install a new battery  Install the battery correctly
Drive not running, status LED display flashing red	1. The receiver is outside radio range. 2. Receiver not operating or faulty 3. Receiver not yet programmed	1. Reduce distance to the receiver  2. Switch on or replace receiver  3. Program receiver
Drive runs in the wrong direction	Directions are incorrectly programmed	Delete transmitter and program correctly

## Cleaning

Clean the device with a damp cloth only. Do not use cleaning agents because they can damage the plastic.

## Conformity

**elero** hereby declares that Mono-Tec-915 wall transmitter is in compliance with Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following Internet address:  
[www.elero.de/downloads-service/](http://www.elero.de/downloads-service/)

## Disposal



Batteries and old units may not be disposed of with household waste.

1. Dispose of packaging in the recycling bin for cardboard and paper.
2. Dispose of old batteries in the recycling bin for used batteries or have a retailer recycle them.
3. Dispose of old units at an electronic waste recycling facility or have a retailer recycle them.

**FCC / IC**

**FCC ID: YBU28650**

**IC: 8929A- 28650**

*USA (FCC)*

Part 15 Statement gen. FCC 15.19/RSS Gen Issue 3 Sect. 7.1.3

This device (**elero MonoTec-915**) complies with Part 15 of the FCC Rules and with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

*Canada, Industry Canada (IC)*

Le présent appareil (**elero MonoTec-915**) est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

**Caution:**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Information:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help