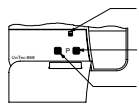
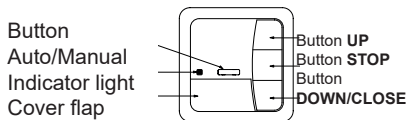


UniTec-868 / UniTec-915 Radio wall transmitter

EN Operating instructions (translation)



Button **Reset**
3 alternatively usable programming buttons **P**

Scope of Delivery

Wall transmitter, 1 x battery CR 2032, Pro-Line mounting frame, white, adapter frame, black, mounting kit, operating instructions

Technical Specifications UniTec-868 / UniTec-915

Power supply	3 V battery CR 2032
Radio frequency [MHz] (band)	868 915
Transmission power [mW] [dBm]	≤ 500 ≤ 10
Channels	1 (unidirectional or bidirectional)
Operating temperature [°C]	0 to 50
Effective range [m] typical	approx. 30
Ingress Protection (IP)	20
Dimensions (WxHxD) [mm] without frame	54 x 54 x 22
Weight [g]	approx. 50
Mounting type	Flush mount housing dia. 58 mm, wall installation, surface-mounted in corresponding housing
Item number (868 MHz 915 MHz)	283300006 283300906

Safety Instructions



Please read these operating instructions carefully as you must proceed in accordance with these instructions for the proper use of the product.

Operate the transmitter only within sight of the devices to be controlled!

The figures in this manual are for illustration only. The figures may differ from your product in minor details and are only intended as general information.

elero GmbH is constantly working on the further development of all products. Therefore, changes to the scope of delivery in form, equipment, and technical specifications are possible at any time. The information in this manual correspond to the information as of the editorial deadline.

No claims can be derived based on technical specifications, figures, and information in these operating instructions.

Intended Use / Foreseeable Misuse

Only for use in dry rooms for switching elero radio receivers and elero radio drives. Do not modify the device! Avoid operating the transmitter carelessly or under lack of concentration. The manufacturer is not liable for damage resulting from the aforementioned causes.

Function

UniTec-868 / -915 is a battery-powered radio transmitter. By pressing a key, a radio code is transmitted and the radio controls are switched. Two kinds of operation are available: Manual mode or automatic mode, switchable with the Auto/Manual button.

Bidirectional Radio System and Routing

A bidirectional radio system transmits radio signals to a radio receiver and enables feedback from the radio receiver to the transmitter. The radio signal can be sent directly to the target receiver. If this is not possible, the radio signal will be routed via other bidirectional participants until it reaches the target receiver. The target receiver carries out the command and sends a confirmation back to the transmitter. The prerequisite for a bidirectional radio transmission is hence the radio transmitting capability as well as the radio reception capability of all participating components.

Unidirectional Radio System

A unidirectional radio system transmits radio signals to radio receivers. However, unlike in a bidirectional radio system, the radio receiver cannot send any message back to the transmitter. It is also not possible to transmit radio signals from the radio receiver to radio receiver.

Default: Bidirectional Radio System.
Reset to unidirectional system: Press the buttons, **UP+STOP+DOWN/CLOSE+P**, simultaneously.

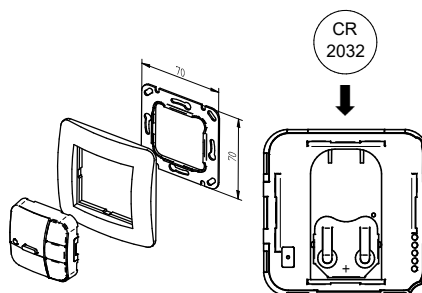
Assembly and Initial Start-up

Ensure an unobstructed radio link. Avoid installation in a distribution box, housing made of metal, or in the immediate vicinity of large metal objects, on or near the ground. Check ground for hidden lines etc.

Mounting (see figure below):

1. Fasten the black adapter frame to the mounting location, using the screws and anchors.
2. Insert the wall transmitter, along with the white ProLine mounting frame, into the black frame adapter at a right angle to the wall until it engages in place. For switch combination, engage wall transmitter with the matching "adapter frame for ProLine control units" (for accessories see elero main catalog) into the black adapter frame.
3. Programming the wall transmitter to the radio control or receiver: see "Programming the Transmitter."

Mounting Replacing the Battery



Programming

Programming the Transmitter/Channel

Requirement: The receiver is installed.

1. Turn off the fuse switch and turn it back on: The receiver will be in programming mode for about 5 minutes.
2. With the UniTec-868 / -915 in visual and radio range position yourself in front of the blind.
3. Briefly press one of the 3 available programming buttons **P**. The blind will begin to move up and down for approx 2 minutes. If several receivers are connected in parallel to the same feed line, then all will be in programming mode simultaneously. The blinds will randomly move up and down. The longer programming is delayed, the greater the offset will be. Individual transmitters can now be assigned to the respective receiver. Short up and down movements can be stopped by pressing the **STOP** button on a programmed transmitter. The channel assignment/change can now be made without having to disconnect the individual receivers. If a blind travels in the wrong direction, delete the transmitter and reprogram.
4. Press the **UP** button as soon as the blind starts moving in upwards direction (within 1s). The blind will stop momentarily.
5. Press the **DOWN/CLOSE** button as soon as the blind starts moving in downwards direction (within 1s). The blind will stop.
6. The UniTec-868 /-915 is programmed.

Programming Additional Transmitters/Channels to a Receiver

1. Press the **UP**, **DOWN/CLOSE**, and **P** button simultaneously for 3 seconds on a transmitter, which has already been programmed to the receiver. The indicator light lights up briefly. Press the programming button **P** on the transmitter to be programmed until the indicator light lights briefly.
2. Press the **Up** button as soon as the blind starts moving in upwards direction (within 1s). The indicator light lights up briefly. The blind will stop, start moving again, stop and then move in the DOWN direction.
3. Press the **DOWN/CLOSE** button as soon as the blind starts moving in downwards direction (within 1s). The indicator light lights up briefly. The blind will stop.
4. The transmitter or the transmitter channel has been programmed.

Deleting a single transmitter/channel

1. Press the **STOP** button and programming button **P** (under the cover) simultaneously and hold for about 6 seconds.
2. The indicator light lights orange first and then red.
In unidirectional operation, the indicator light first lights green twice and then red within 6 seconds.

Deleting all Transmitters

For a factory reset, all triggered drives must be connected to the power supply.

1. Press the buttons, **STOP**, the programming button **P** (under the cover), the **UP** button, and the **DOWN/CLOSE** button.
2. Hold this button combination for approximately 6s. The indicator light lights orange first and then red. In unidirectional operation, the indicator light first lights green and then red within 6 seconds.

Replacing the Battery

The coding of the transmitter is maintained after a battery change; the coding must not be reprogrammed in the transmitter/radio receiver.

1. Lever wall transmitter out of mounting frame.
2. Change the battery. Use only batteries of type CR 2032. Check for correct polarity, the positive pole must be visible.
3. Insert wall transmitter back into mounting frame.

Programming the Transmitter

Programming 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. In addition, press the **STOP** button. The blind will stop. The intermediate position is now saved.

Programming Ventilation Position / Turn Position / Fabric Stretching Position

Requirement:

The blind is in the bottom end position.

1. Press the **UP** button until the vents open or the blind slats are turned or the awning fabric is stretched.
2. In addition, press the **STOP** button. The blind will stop. The ventilation / turn / fabric stretching position is now saved.

Approaching the Intermediate Position

Requirement:

The intermediate position is programmed.

1. Press the **DOWN/CLOSE** button twice briefly. The blind travels to the stored intermediate position.

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

Important: When using blinds and the turning position is programmed the blind slats are also turned.

If no turning position is programmed, the blind stops at the intermediate position with closed blind slats.

Approaching Ventilation Position / Turn Position / Fabric Stretching Position

Requirement:

The ventilation / turn / fabric stretching position is programmed.

1. Press the **Up** button twice briefly. The blind travels to the stored turning position.

If no ventilation / turning / fabric stretching position has been programmed, the blind travels to the upper end position.

You can also approach the ventilation / turn / fabric stretching position with a programmed hand-held transmitter.

Deleting the Intermediate Position

Requirement: The transmitter is programmed.

1. Press the **DOWN/CLOSE** button and the **STOP** button simultaneously and hold for about 3 seconds.

The intermediate position is now deleted. The indicator light lights up briefly.

Deleting the Ventilation Position / Turn Position / Fabric Stretching Position

Requirement: The transmitter is programmed.

1. Press the **UP** button and the **STOP** button simultaneously and hold for about 3 seconds.

The ventilation / turn / fabric stretching position is now deleted.

Group Control

- Control multiple recipients at the same time.
- Trigger group with one command.
- Any number of receivers can be programmed and controlled in the channel.
- UniTec-868 /-915 can be programmed to several receivers.

Group Mode

If more than 10 bidirectional receivers are being programmed in one channel at the same time, the transmitter channel in programming mode switches to group mode. Group mode is indicated by fast flashing with pauses. Programming in group mode is completed after a 2-minute pause or pressing the **STOP** button for 6 seconds.

Button Auto/Manual

Short press (<1 s):

- Query current operating mode

Long press (> 1 s):

- switch off automatic mode
- Operating mode display lights up red
- Receivers will respond only to manual commands

Another long press (> 1 s):

- switch on automatic mode again
- Operating mode display lights up green
- Receivers will respond to manual and automatic commands

Upward travel of the receiver is initiated when the automatic system is activated, provided a sensor system has been programmed.

Status Displays of Indicator Light

A radio signal is signaled by the indicator light lighting up. The mode of operation of the transmitter is then signaled by the same indicator light as follows:

Status display	Operating mode display	Explanation
orange flashing	none	Transmitter is not programmed
quick flashing orange	none	Programming mode or group > 10 drives.
orange	green	Transmitter working bidirectionally, Operating mode Automatic
orange	red	Transmitter working bidirectionally, Operating mode Manual
green	green	Transmitter working unidirectionally, Operating mode Automatic
green	red	Transmitter working unidirectionally, Operating mode Manual
3 x orange	red	Transmitter working bidirectionally, Operating mode Automatic Transmitter deleted
3 x green	red	Transmitter working unidirectionally, Operating mode Automatic Transmitter deleted

Notes on Troubleshooting

Fault	Cause	Remedy
Drive does not run, the indicator light does not light up	Battery is empty The battery is incorrectly installed	Install a new battery Install the battery correctly
Switching commands in automatic mode are not executed	Device is in manual mode (red)	Switch mode to automatic
Drive runs in the wrong direction	Directions are incorrectly programmed.	Delete transmitter and program correctly.

Cleaning

Clean the device only with a damp cloth. Do not use detergents as they may damage the surfaces.

Warranty

We will remedy equipment faults due to material or manufacturing defects by repair or replacement within the statutory warranty period. The warranty is voided if the device is modified.

Conformity

The product complies with the basic requirements and the other relevant provisions of the EC directives 2014/53/EU. The complete declaration of conformity can be found in the download area of our website.
www.elero.com/en/downloads-service/

Service

If faults occur despite correct operation or the unit has been damaged, contact your dealer or the manufacturer.

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Repairs

Please indicate the article number, article description, type of fault, circumstances, your own presumption, previous unusual events.

Disposal



Batteries and old devices must not be disposed of in the household garbage!

1. Dispose of packaging materials in the recycling bins for cardboard, paper.
2. Dispose of used batteries in a recycling bin for old batteries or via the specialist trade.
3. Dispose of old devices via a collecting point for electronic scrap or a specialty retailer.