

UniTec-868
No. 28 330.0001



CE 0682

GB **Operating instructions**
Please take care of the operating instructions!

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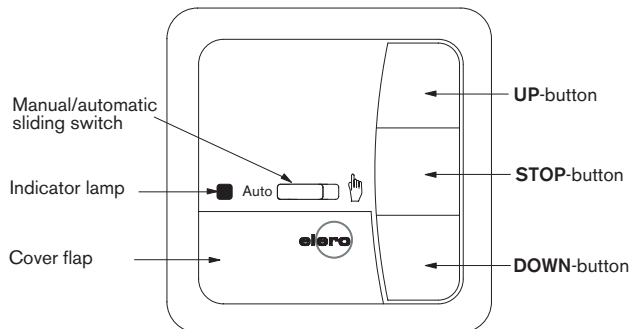
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**Note!**

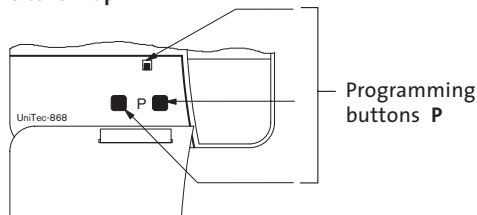
Important safety instructions! **Observe the following instructions.**

- Use only in dry rooms.
- Only use unmodified original **elero** electrical parts.
- Keep persons away from the operating range of the systems.
- Keep children away from the controls.
- Follow the relevant country-specific regulations.
- Dispose of used batteries properly. Replace batteries only with batteries of the identical type (CR 2032).
- If one or more transmitter are used for controlling the system, the operating range must stay visible during operation.
- The device contains swallowable small parts.

Explanation of buttons



Buttons under the cover flap



General information

You can control one or more receivers with the UniTec-868 transmitter.

This device features a very simple operation.

Intended use

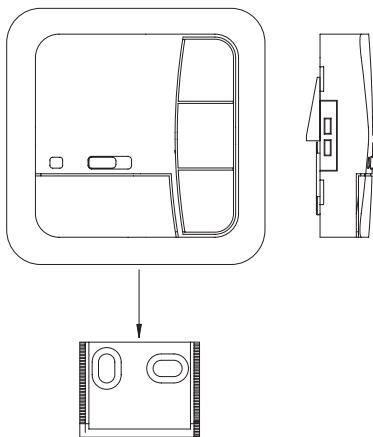
The UniTec-868 may **only** be used for controlling roller shutter or sun protection devices.

- Please note that radio systems must **not** be operated in areas with an increased risk of interference (e.g. hospitals, airports).
- The remote control is only approved for devices and systems for which any malfunction of the manual transmitter or receiver would not result in a risk for persons, animals or property, or if such a risk is covered by other safety devices.
- The operator has no protection whatsoever from interferences by other radio emitters and local terminals (e.g. also from radio installations), that are normally used on the same frequency range.
- Only use radio receivers with equipment and units approved by the manufacturer.

Advice: Radio systems, which operate on the same frequency, can lead to reception of interferences.

Please note, that the range of the radio signal is limited by the government and the built environment.

Mounting of wall bracket



- Before installing the unit at the required position, check the proper function of the transmitter and the receiver.
- Attach the bracket to the wall with the two dowels and screws which are provided.
- Push the UniTec-868 onto the wall bracket from above.

Manual/automatic sliding switch

The receivers are switched into "Manual" or "AUTO". In automatic mode the receivers react to all signals, in manual mode only to the **UP-STOP-DOWN** button and the wind signal.

Transmission indicator lamp

A radio signal is displayed by the lighting up of the transmission indicator lamp.

The transmitting power or the range of transmission will be reduced through the reduction in the performance of the battery. If the indicator pilot lamp does not light up when the button is pressed the battery must be exchanged.

Group controller

A group is understood to mean control of one or more receivers at the same time.

The UniTec-868 can be teached-in into several receivers.

Intermediate position

The intermediate position is a freely-selectable position of the blind/shutter between the top and bottom end position. This can be approached from the top end position after programming is complete.

Press the **DOWN**-button **briefly** twice successively.

In venetian blind mode any tilting which is programmed is carried out automatically when the blind reaches the intermediate position.

Ventilation/Tilting

The ventilation-tilting position is a freely selectable position of the blind/shutter between the top and bottom end position. Using this function you can raise the roller shutter from the lower end position until the ventilation slits are again open. With venetian blinds, the slats are inverted.

Press the **UP**-button briefly **twice** successively.

Program the transmitter

Condition: The drive must be installed.

1. 1. With electrical, previously installed drives, turn the safety fuse off and after a few seconds on again.
The receiver is now in programming mode for about 5 minutes.
2. Stand in front of the blind/shutter with the transmitter.
3. Open the cover on the front and press one of the programming buttons **P** briefly.
The blind/shutter automatically travels briefly up and down again and again for about 2 minutes.
4. To define the button assignment press the **UP**-button on the transmitter immediately after the start of the up travel (1 sec.).
The blind/shutter will stop for a short time.
Immediately after the start of the down travel press the **DOWN**-button on the transmitter.
The blind/shutter will stop.
The transmitter is now programmed.

Programming further transmitters

If you wish to program other transmitters to a receiver you can proceed as follows:

1. On a transmitter, which has already been programmed to the receiver, press the **UP**, **DOWN** and the programming button **P** until the LED goes out.
2. To define the button assignment press the **UP**-button on the transmitter immediately after the start of the up travel (1 sec.).
The blind/shutter will stop for a short time.
Immediately after the start of the down travel press the **DOWN**-button on the transmitter.
The blind/shutter will stop.
The transmitter or this channel is programmed.

Advice: If several receivers are connected to the same feed line, then all are simultaneously ready to program.

The roller shutter starts a “random” brief up/down trip.

The longer you wait with the programming the greater will be the offset.




Individual transmitters can now be assigned to the respective receiver.

You can stop the brief up/down travel by briefly pressing the **STOP**-button on a manual transmitter which has already been programmed.

The channel assignment/change can now be made without you having to disconnect the individual receivers.

If the roller shutter travels in the wrong direction, delete the transmitter and reprogram it.

The last direction assignment by the transmitter is valid for all transmitters which have been programmed in the receiver.

	Roller shutters	Awning	Venetian blind
			
Pos ▽	Intermediate position	Intermediate position	Intermediate position
Pos △	Ventilation position	Fabric position	Tilting position

Programming position ▽

Condition: The transmitter has been programmed and the end positions of the drive have been set.
The blind/shutter is at its upper end position.

- Travel the blind/shutter to the required position with the **DOWN**-button.
Important: Hold down the **DOWN** button until the desired position is reached.
- As soon as it reaches the required position, **also** press the **STOP**-button.
The blind/shutter stops, you have now programmed the intermediate position.

Programming position △

Condition: The transmitter has been programmed and the end positions of the drive have been set. The blind/shutter is at its lowest end position.

- Travel the blind/shutter with the transmitter as far as necessary in the **UP**-direction until the ventilation slots open or the tilting is reached.
Important: Hold down the **UP**-button until the desired position is reached.
- As soon as it reaches the required position, **also** press the **STOP**-button.
The blind/shutter stops, you have now programmed the position for ventilating slots/tilting.

Approach Pos ▽

Condition: The transmitter is now programmed.

- Press the **DOWN**-button **briefly** twice successively.
- The drive travels to the stored intermediate position.
If no intermediate position has been stored the blind/shutter travels to the lowest end position.

Approach △ (roller shutter, awning)

Condition: The transmitter is now programmed.

- Press the **UP**-button **briefly** twice successively.
- The blind/shutter travels to the stored ventilation position.
If no ventilation position has been stored the blind/shutter travels to the upper end position.

Approach △ Venetian blinds (venetian blind)

Condition: The transmitter is now programmed.

- Press the **UP**-button **briefly** twice successively.
- The blind/shutter travels to the stored tilting position.
If no position has been stored the roller shutter travels to the lower end position.

Delete Pos ▽

- Press **simultaneously**:
 - DOWN**-button
 - STOP**-button
- Hold down this button combination until the LED goes out briefly.

Delete Pos △

- Press **simultaneously**:
 - UP**-button
 - STOP**-button
- Hold down this button combination until the LED goes out briefly.

Deletion of individual transmitters

1. Open the front cover and press **simultaneously**:
 - Programming button **P**
 - **STOP**-button
2. Hold down this button combination until the LED goes out briefly.

Deletion of all transmitters

1. Open the front cover and press **simultaneously**:
 - Programming button **P**
 - **UP**-button
 - **STOP**-button
 - **DOWN**-button
2. Hold down this button combination until the LED goes out briefly 3 times.

Technical data

Operating voltage	3 V DC
Battery type	CR 2032
Protection class	IP 20
Permitted ambient temperature	0° to +50 °C
Radio frequency	868,3 MHz

The maximum sending range within a building is up to 20 m and in the open air up to 150 m.

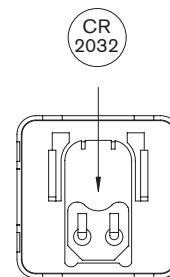
Changing the battery

1. Push the wall transmitter up out of the wall holder.
2. Remove the battery.
3. Insert a new battery **correctly**.

Cleaning

Clean the device with a damp cloth only.

Do not use cleaning solutions, as these may damage the plastic.

**Notes on troubleshooting**

Fault	Cause	Remedy
The drive does not run, the transmission indicator lamp doesn't light up.	1. The battery is empty. 2. The battery is incorrectly installed.	1. Install a new battery. 2. Install the battery correctly.
The drive does not run, the transmission indicator lamp stays on.	1. The receiver is outside of sending range. 2. Transmitter not programmed into receiver.	1. Reduce distance to the receiver. 2. Program the transmitter
The automatic switch commands are not carried out.	The UniTec-868 is set to "Manual" operation.	Set the UniTec-868 to "AUTO".
Drive operates in the wrong direction.	Directions are incorrectly programmed.	Delete transmitter and program correctly.

General conformity declaration:

The company Firma elero GmbH herewith declares that the UniTec-868 conforms to the basic requirements and other relevant regulations of Directive 1999/5/EC.

