Guide to a motorised glass roof

With the elero system

Connect first. Then program.

1 Choose the wiring diagram

Without rain sensor: page 2.
With rain sensor: page 3.

2 Choose the number of motors

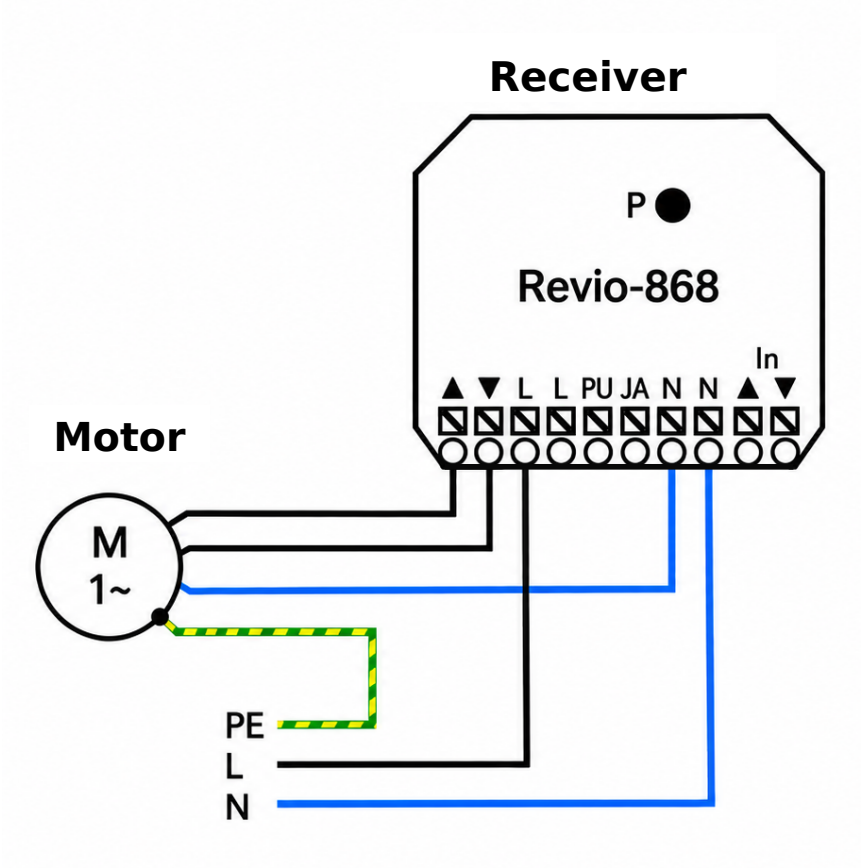
One motor: pages 4-5.
Multiple motors: page 6.
Rain test: page 7.

Before you begin: the motor must be mounted and mechanically connected. The limit positions must be set before electrical connection begins.

Electrical connections must be made by an electrician. Verify the wiring before installation.

Without rain sensor

Wiring diagram

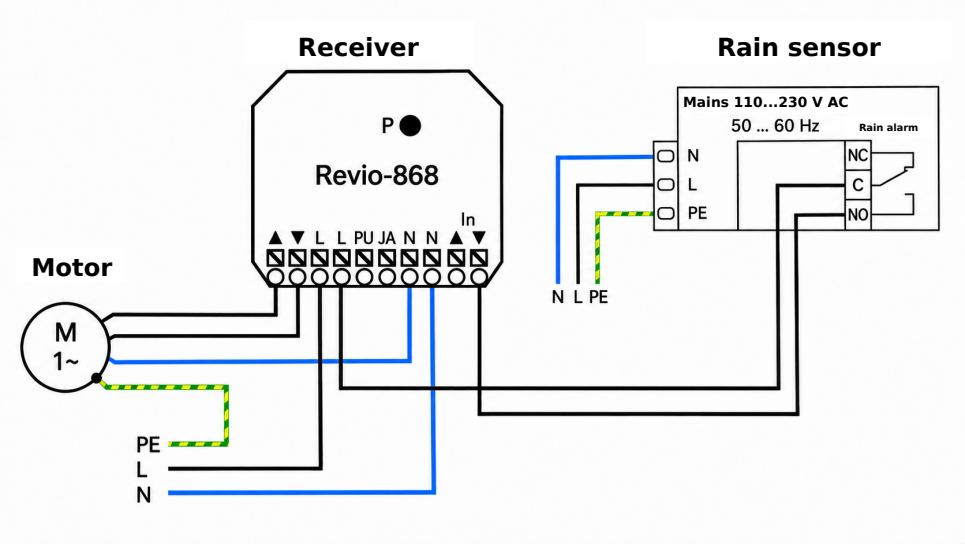


N = blue
PE = green/yellow
Black wires = live and control.

The electrician connects the system as shown. Electrical connections may only be changed with the power safely isolated.

With rain sensor

Wiring diagram



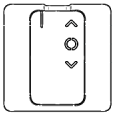
N = blue
PE = green/yellow
Black wires = live and control.

The example shows the rain signal connected to **In ▼**. Determine the correct input using the rain test on page 7.

A rain signal shared by multiple receivers requires verified distribution and isolation. The signal must reach the correct In input on **every receiver**.

Electrical connections may only be changed by an electrician with the power safely isolated.

One motor



MonoSon-868 Mini, white | item no. 287310001

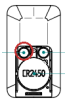
Wiring must already be complete as shown on page 2 or 3. Keep the roof in sight and its travel area clear. ▲ = open, ▼ = close.

1 Power the receiver

Switch the supply off and back on. You have approximately **5 minutes** to start the learning procedure.

2 Start learning

Press **P on the remote for approximately 5 seconds**. The roof starts alternating direction.



3 Confirm opening

Each time the roof starts **opening**, press ▲ immediately. The roof may alternate direction several times during learning.

One motor - continued

4 Confirm closing

Each time the roof starts **closing**, press ▼ immediately. **Repeat steps 3 and 4** until learning is complete and the roof stops.

5 Test the buttons

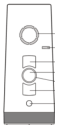
Once the roof has stopped, test **open, STOP and close**. If the learning period expires without success, restart the learning procedure.

6 Finished

Without rain sensor: finished after a successful function test.

With rain sensor: continue on **page 7**.

Multiple motors



VarioTel 2 | one Revio-868 per motor

Program **one motor at a time**. Only the receiver being programmed may be powered. Both previously programmed receivers and those awaiting programming must be disconnected from the power supply.

1 Select motor 1

Power only receiver 1. Select **channel 1** with short presses of the channel selector.

2 Teach in motor 1

Follow **steps 1-5 on pages 4-5** using VarioTel 2. In steps 3 and 4, press within **1 second at most** after movement starts.

3 Move to the next motor

Disconnect motor 1 from the power supply. Power only the next receiver and select its channel. Repeat the same steps.

P is on the back of the remote. When all motors have been taught in, restore power to all receivers and test every channel and the central channel (all five channel indicators lit). With a rain sensor, continue on page 7.

The electrician must ensure that shared sensor wires cannot backfeed receivers that have been isolated.

With rain sensor

Final function test - one or more motor systems

The rain signal must close **all motors**.

1 Prepare

After powering Aquero, wait at least **2 minutes**. Then move the roof to approximately halfway open.

2 Wet the sensor

Dab a little water onto the sensing area. Keep electrical connections dry. The sensor surface may be hot.

3 Check movement

The roof must move towards **closed**. With multiple motors, all roof sections must close.

4 If the roof opens

Stop. An electrician must move the control signal to the other **In input** with the power safely isolated. Repeat the test.

Final checks

✓ Open, STOP and close work on every motor.

✓ The rain test closes the entire roof, if a rain sensor is fitted.

✓ Document the test and hand over the original manuals together with this guide.

About the motor system
One motor can drive one, two, three or four bays. Choose according to the number of motors, not the number of bays. The system is supplied with one remote type: MonoSon Mini for one motor or VarioTel 2 for multiple motors.