



User manual and Guarantee

Application

The radio actuator Stella Z is used to provide a comfortable single room control with radiators or underfloor heating.

Types Available

Stella Z I bidirectional radio actuator

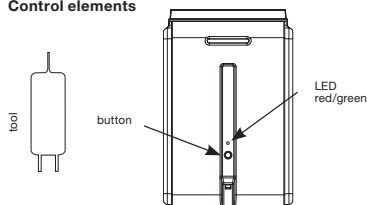
Norms and Standards

CE compliant according to: EN60730
protection class: IP20
RT+T directive

Technical Data

radio controlled: z-wave protocol
operating voltage: 3V (2x AA battery)
actuating power: max. 120 N
ambient temperature: 0-50°C
media temperature: max. 100°C
dimensions: 65 x 65 x 48 mm (W x H x D)
actuating time: about 3s/mm
maximum lift of valves: 4,5 mm
connection: M 30 x 1,5

Control elements



Scope of delivery

- 1 Stella Z
- 1 User manual
- 1 Connector
- 3 Adapters (Danfoss RA, RAV, RAVL)
- 1 tool to open/remove

Safety note

By purchasing the Stella Z energy-saving actuator you own a actuator which can be used for temperature regulations in enclosed rooms and therefore, it can contribute to the reduction of heating energy. – Please use the thermostat only for this purpose.

Inserting/replacing batteries

1. Remove the battery lid by pressing the battery lid upwards and then taking it out.
2. Then insert the batteries as represented in the appliance.
3. Close the battery case



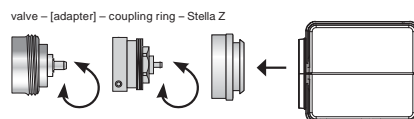
Stella Z now drives into mounting position (only in first installation). **Do not use accumulators! Ensure that the polarity is correct! We recommend to use alkaline-batteries.**

Attention: Never recharge batteries, danger of explosion! Do not short-circuit batteries! Do not disassemble batteries! Take low batteries out of the device immediately. Keep batteries away from extreme warming – danger of leakage! Do not apply used and new batteries together. If needed, clean the battery and the contacts before using them. Keep the batteries away from children. When getting in touch with battery acid instantly irrigate the affected parts with clear water and call a doctor.

Mounting

Stella Z can be quickly and easily mounted on all common valves (see adapter table). It can be installed without grime and water spots because the heating circuit is not interrupted.

1. Turn the manual thermostat head up completely, loosen the fastening and pull the thermostat of the valve.
2. Use an appropriate adapter, if required, and push it onto the valve.
3. Screw the connector on the valve or the adapter.
4. Now, you put Stella Z on the connector until it noticeably clicks into place.



Stella Z never turn on coupling ring!

Additional information about the different adapters at:
www.eurotronic.org

Initial commissioning (Adaption) for automatic learning- in (only possible in first installation)

After inserting the batteries, the pressure piece moves back into mounting position and the LED flashes red/green for approx. 2 minutes. In this time the Stella Z is in automatic learning-mode. Now put your radio-partner (Postmaster) into learning-mode. After a short time the coupling is automatically completed and Stella Z flashes green. Now press the button to adapt the device. The Stella Z needs a message server/gateway for operation.

Initial commissioning (Adaption) for manual learning-in

After inserting the batteries, the pressure piece moves back and remains in mounting position. The LED flashes red/green alternately. After mounting press the button, the Stella Z now adapts and after that it remains in the closed valve and the LED flashes green.

Learning-in of radio-partner:

1. Set radio-partner (Postmaster) into learning-mode.
2. Push the button with the tool on the Stella Z for >= 5 sec.
3. Stella Z indicates that he has been learned-in a short, green flash.
4. Now press the button to adapt it.

Radio-partner learning-out-mode manual/automatic:

1. Set radio-partner in learning-out-mode.
2. Press button on Stella Z with the tool for >=5 sec.
3. Stella Z signals completed learning-out by green flashing of the LED. Stella Z is now in mounting position.
4. Now press again the button.
5. Please note, that the Stella Z has to be at first learned-out, before he can be integrated into a new network.

Flashing of the LED

- **OK** – green (2 sec.)
(Learn completed, Wakeup sent,...)
- **Failed** – red (2 sec.)
(Learn mode failed or Wakeup send failed)
- **Automatically learning-in** – red/green blink
- **Mounting** – green blink
- **Communication Error** – red blink

Adapters

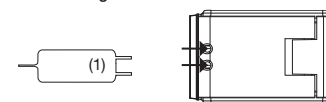
| | |
|--|---|
| Heimeier, Junkers Landys+Gyr, MNG, Honeywell, Braukmann thread-measure dimension of M 30x1,5 | no adapter required |
| Danfoss RAV | (+ accompanying pin, only for RAV!) |
| Danfoss RA | |
| Danfoss RAVL | |

Please remove all the connection pieces of the plastic adapters before you use one of the attached adapters!



Please completely remove the connection rods highlighted in grey prior to assembly the adapter. You can find additional brass adapter models that are subject to a charge:
www.eurotronic.org

Dismounting



1. Insert both tops of the removeable tool (1) into the opening.
2. Remove Stella Z from the adapter/valve.

Declaration of Conformity

The Declaration of Conformity is provided at:
www.eurotronic.org

Guarantee

The two-year warranty begins on the day of purchase. Please keep the receipt as evidence of purchase in the future. During the guarantee period, defective radiator thermostats may be sent to the service address below. Please ensure sufficient postage is paid. A new or repaired device will then be sent to you free of charge. Following expiry of the guarantee, you may still send the defective device to the address below for repairs. Please ensure sufficient postage is paid.

Repairs carried out after the guarantee period are subject to a charge. Your legal rights are not affected by this guarantee. There is no new warranty period starting when repairing or replacing the device. Please note that we only grant warranty on the function of the device.

We will not grant warranty for the interaction between the thermostat and the bottom part of the valve. The technical data is only valid for the use of the following valves: Heimeier, Junkers Landys + Gyr, MNG, Honeywell, Braukmann (measure of thread M30 x 1,5), Oventrop (M30 x 1,5) Danfoss RA, RAV and RAVL. Please see the combinations of the devices on our website ([www.eurotronic.org/Adapter list](http://www.eurotronic.org/Adapter%20list)) EUROtronic does not issue a guarantee when using the thermostat with valves which are not mentioned above.

Eurotronic Technology GmbH

Südweg 1
36396 Steinau-Ulmbach
Telefon: 06667/91847-0
Servicehotline: 06667/91847-17
eMail: info@eurotronic.org
Internet: www.eurotronic.org

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