



CLAGE FX 3 Remote Control Instruction Manual

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Operating and installation instructions
Remote control FX 3 for instantaneous water heaters



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Safety notes

We cannot accept any liability for damage and losses due to non-compliance with these instructions. Read this manual completely before starting up the remote control. The handling of the appliance and the remote control are equitable.

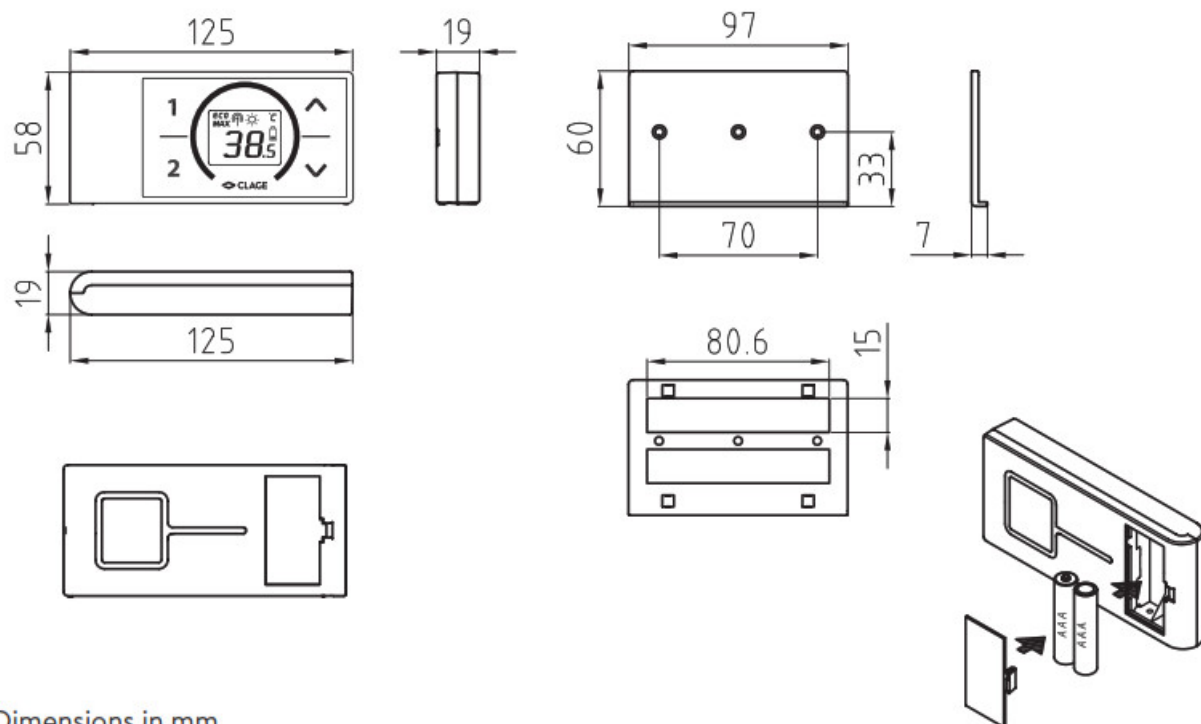
The last set temperature will be used by the instantaneous water heater. Make sure not to set a high temperature, inadvertently. We recommend activating the temperature limit function (see the manual of the instantaneous water heater). Flat batteries can leak and damage the remote control. Hence, replace flat batteries right away as soon as the battery symbol lights up in the display or the remote control does not respond after a keystroke. When the remote control is not to be used in the long term, remove the batteries. Do not expose the remote control to moisture. Keep the remote control and wall bracket away from credit cards or other cards with magnetic strips. The built-in magnets can damage the card's magnetic strip. This appliance can be used by children aged 3 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning the use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be performed by children without supervision.

Description of appliance

The FX 3 remote control allows a convenient operation of the instantaneous water heaters DEX Next, DSX Touch, DSX Touch Twin, CEX, and CFX even if the heater is installed under a sink or in a secondary room. An energy-efficient and adequate choice of the water temperature is furthermore possible under these conditions with the FX 3 remote control.

The communication between the remote control and the instantaneous water heater is via Bluetooth ®. Due to this technology, the data transfer is secured even under difficult installation conditions. To connect the remote control to an instantaneous water heater, an FXE 3 radio adapter must be installed in the water heater.

Dimensions



Dimensions in mm

Technical Data

Model	FX 3
Operating voltage	3 V
Type of battery	2 × AAA Alkaline 1
Degree of protection	IP 20
Transmission range	10 Meter inkl. Wand / 10 meters incl. barrier
Transmission power	≤ 8 mW
Radiofrequency range	2,4 – 2,4385 GHz
Radiation	undirected
Approvals	Europa 300 328 / CE

1) Do not use rechargeable batteries.

Installation

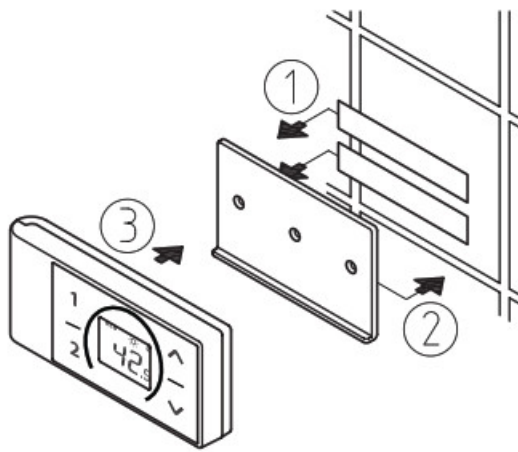


Figure 1:
Installation with
adhesive tape

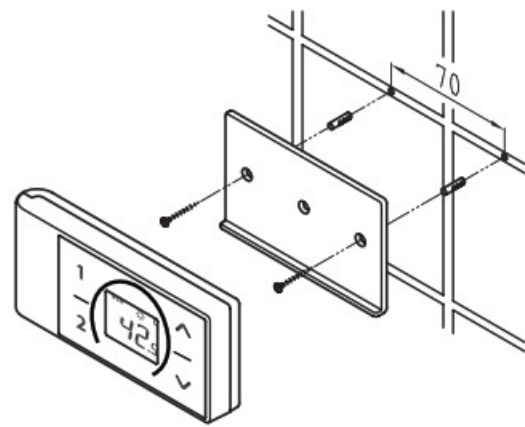


Figure 2:
Optional installa-
tion with dowels and
screws

- Before attaching the wall bracket to the wall, ensure that the remote control has radio contact to the instantaneous water heater from its designated position.
- The wall bracket of the remote control can either be attached securely with the included adhesive tape, after stripping off the protection film (as shown in fig. 1) on a plain surface (e.g. a tile) or with suitable dowels (Ø 4 mm) and screws (as shown in fig. 2).
- When using the adhesive tape it is not possible to adjust the position afterward because of the strong adherence of the glue. Therefore, pay attention to a horizontal alignment when attaching it.
- The remote control is magnetically retained at the wall bracket.

Initial operation

1. Make sure that the power supply to the instantaneous water heater is switched on (fuse) and that the display of the instantaneous water heater (if available) shows the latest set value.
2. Insert the batteries into the remote control and hold it in front of the instantaneous water heater.
3. The remote control displays "bt" and automatically connects to the instantaneous water heater. This may take up to one minute.
4. Once connected, the display of the remote control switches to the setpoint value display.

In the case of an unsuccessful registration, the display indicates "no". The remote control quits the registration process and switches to standby mode. By pressing a button the registration process will be repeated. If the registration is impossible after a number of trials, contact customer service.

Notes:

- With no remote control registered or without a working radio connection, the instantaneous water heater heats to the prior selected set temperature.
- After replacing the batteries, a new registration is not required.
- After a power failure of the instantaneous water heater, a new registration is not required.

- Automatic re-registration after a battery change or power failure can take up to two minutes.
- If the remote control connects to another instantaneous water heater within radio range during the initial registration, disconnect it from the power supply. Then start a reregistration (see chapter 7).

Re-registration

To connect the remote control to another instantaneous water heater, press and hold all four buttons on the remote control for at least 5 seconds.

This starts the initial operation mode.

Handling

The remote control is equipped with the following functions:

1. Arrow buttons

You can set the required temperature gradually to a lower or higher value using the arrow two buttons \wedge and \vee .

Note: If the temperature display is set to “—” with an arrow button, the instantaneous water heater switches off the heating function.

2. Program buttons

The two program buttons 1 and 2 allow to quickly select the preset temperature without the need to press the \wedge and \vee buttons several times.

The factory setting for program 1 is 35 °C and for the program, 2 it is 48 °C. You can assign your own settings for the program buttons:

- Select the desired temperature with and.
- To save the current temperature, press the program button 1 or 2 for about two seconds.

Displayed information

The representation corresponds to the temperature indication of the water heater display (if available) after a keystroke on the remote control. The description of the function can be found in the manual of the instantaneous water heater.

Radio communication

This radio symbol is displayed on the remote control if a button is pressed or the initial operation is in process.

Battery

If the batteries of the remote control are flat, the battery symbol is displayed. In this case, exchange the batteries within a short period of time (see chapter “Battery replacement”).

Energy-saving mode ECO

The symbol **ECO** shows that the appliance works in an energy-saving mode, i.e. the momentary energy consumption is subject to the selected temperature and to the flow rate in the energy-saving mode.


Power limit MAX

If the full output of the instantaneous water heater does not suffice to heat the tapped quantity of water, this will be indicated by **MAX** on the FX 3 screen.



Operation with preheated water

If the cold water inlet temperature is higher than the set value of the hot water outlet, the instantaneous water

heater will not heat. In this case, no power is emitted by the appliance, and the sun symbol is  displayed on FX 3 screen.

Communication of the remote control

- The remote control contacts the instantaneous water heater in regular intervals. In case of a temperature change at the instantaneous water heater or water tapping without a previous keypress on the remote control, the updated information on the display of the remote control may be shown with a slight delay.
- Without a working radio connection, the appliance heats to the prior selected set value.

Trouble-shooting and service

The following table will help you to determine and rectify the reasons for possible problems.

Problem	Cause	Solution
Display: "no" and appliance does not respond to the remote control	The remote control is not registered at the instantaneous water heater	Register again, remove and insert the batteries again
	Transmission range exceeded	Place the remote control closer to the appliance, press the button
	Remote control registered to another appliance	Reset remote control according to chapter "7. Re-registration"
Display: "be"	Registration in process	Hold the remote control in front of the instantaneous water heater
Symbol "battery" lights	Flat batteries	Insert two new type of AAA-batteries
Temperature changes unintentional	Operation via other remote control, Smart Control app or directly on the water heater	Only register the desired remote control

If you cannot rectify the fault with the aid of this table, please contact:

CLAGE GmbH
After-Sales Service
Pirolweg 4
21337 Lüneburg
Germany
Phone: +49 4131 8901-40
Email: service@clage.de

We can either give you the name and address of an authorized customer service company or repair the heater ourselves. In the latter case, please send in the heater (at your cost and risk) with details of the problem and a copy of the sales invoice.

Battery replacement

Replace the batteries with new AAA batteries when the battery symbol flashes up.

- Do not use rechargeable batteries!
- Non-rechargeable batteries are not to be recharged.
- Different types of batteries or new and used batteries are not to be mixed.
- When replacing the batteries, observe the correct polarity.

Disposal

Batteries may contain environmentally hazardous substances. Therefore, used batteries must be disposed of at special collecting points and not be mixed with general household waste. At the end of the remote control's lifetime, the batteries must be disposed of separately from the appliance.



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Documents / Resources

A small thumbnail image of the instruction manual cover for the CLAGE FX 3 Remote Control. The cover is white with a small image of the remote control and some text in German.	<p>CLAGE FX 3 Remote Control [pdf] Instruction Manual FX 3, Remote Control</p>
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