Manuals+ — User Manuals Simplified.

FX Next Radio Remote Control Set

CLAGE FX Next Radio Remote Control Set Instructions

Contents

CLAGE FX Next Radio Remote Control Set

Specifications

- **Product:** Funkfernbedienungsset FXS Next
- **Operating Voltage:** 3V
- **Battery Type:** Included
- **Range:** 10 meters including wall
- **Transmission Power:** 8mW
- **Frequencies:** EN 300 328 / CE

Product Usage Instructions

Safety Instructions
Make sure to read and follow all safety instructions provided in the manual before using the product.

Facility

1. **Mounting the Wall Bracket:** Follow the instructions to securely mount the wall bracket for the remote control.
2. **Installing the Funkadapter:** Install the provided Funkadapter in the water heater to connect it with the remote control.

Getting Started

1. Ensure the power supply to the water heater is on and the display shows the current set value.
2. Enter the PIN as displayed on the screen (refer to A9).

Operation
The E-Paper display will switch to the main view after approximately 15 seconds of inactivity. The display includes various indicators and buttons for different functions.

Main Display Features (Abb. B1)

- Status Indicator at the top
- Program Button 1 and 2
- Temperature Display
- Battery Level Indicator
- Status Indicator at the bottom
- Sensor Buttons

Temperature Adjustment and Settings
You can adjust the temperature using the program buttons. The device allows for setting user profiles with specific start values for different functions.

FAQ

Self-Help and Customer Service
If you encounter any issues such as power outages, unresponsive buttons, or errors, refer to the troubleshooting section in the manual. For further assistance, contact CLAGE GmbH Customer

Service at +49 4131 8901-400 or email **service@clage.de**.

Battery Replacement
When the battery symbol appears on the display, replace the batteries with new AA batteries as indicated in figure A2.

Remote control FX Next / kit FXS Next for instantaneous water heaters

The documents supplied with the device must be stored carefully.
Simplified EU Declaration of Conformity
CLAGE GmbH hereby declares that this device complies with Directive 2014/53/EU. The complete text of the EU Declaration of Conformity is available at the following internet address: **www.clage.com/downloads**

Safety notes

- • This remote control may only be installed and started up for the first time by an authorized specialized company. Responsibility for compliance with the applicable standards and installation regulations rests entirely on the company installing the appliance. We cannot accept any liability for damage and losses due to noncompliance 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 to activate the temperature limit function (see manual of the instantane-ous water heater).

  • Flat batteries can leak and damage the remote control. Hence, replace flat batteries right away as soon as battery symbol lights up in the display or the remote control does not response after 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 mag-nets 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 ins truction

concern-ing 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.
• At malfunction of the remote control remove the batteries immediately.

Description of appliance

The FXS Next remote control set consists of the FX Next remote control and the radio adapter. The FX Next remote control allows a convenient operation of the instantaneous water heaters MCX, CEX, CFX, ISX, DEX Next and DSX Touch 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 Next 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 a MCX, CEX or DEX Next instantaneous water heater, the provided radio adapter must be installed in the water heater.
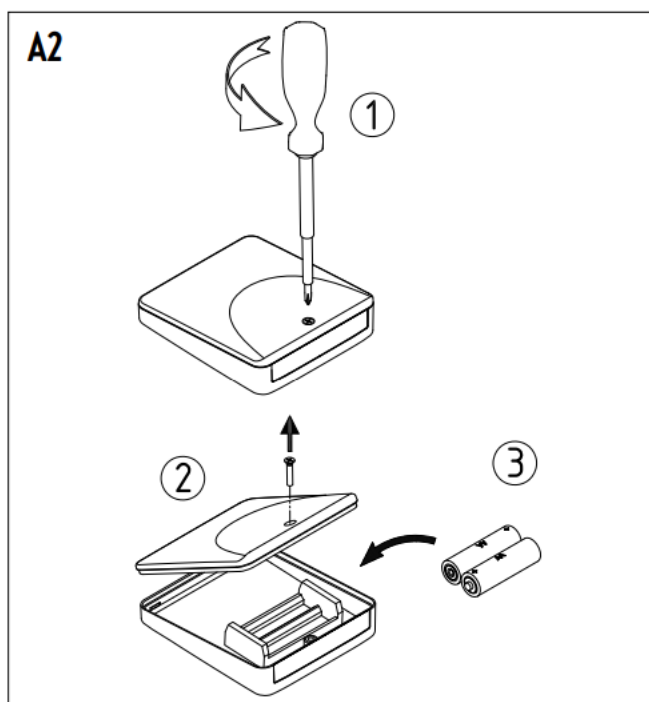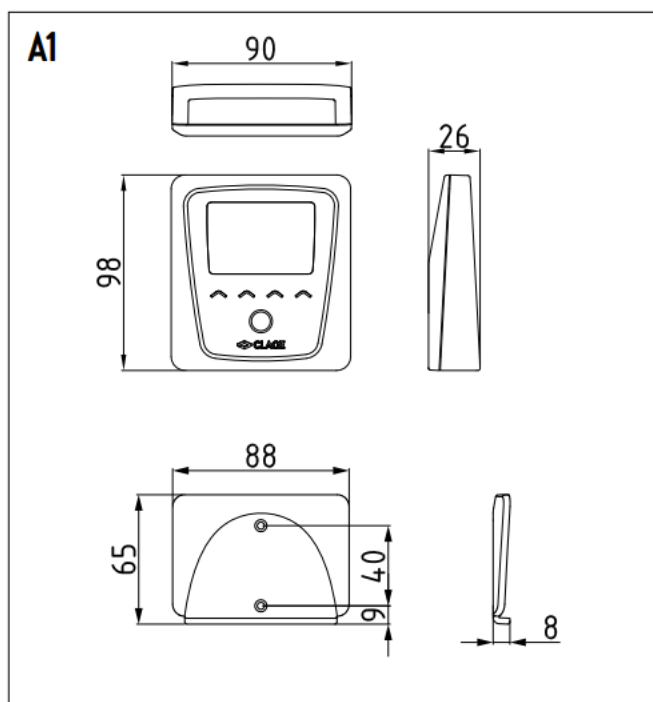
Technical Data

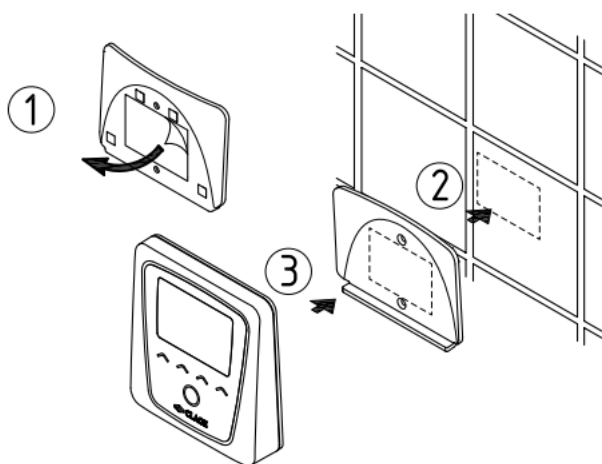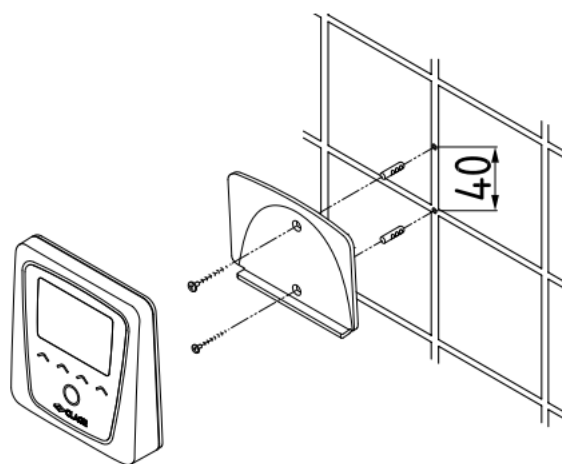| Model	FX Next
Operating voltage	3 V
Type of battery	2 × AA Alkaline 1)
Degree of protection	IP 24
Transmission range	10 metres incl . barrier
Transmission power	≤ 8 mW
Radio frequency range	2 .4 – 2 .4385 GHz
Radiation	undirected
Approvals	Europe EN 300 328 / CE

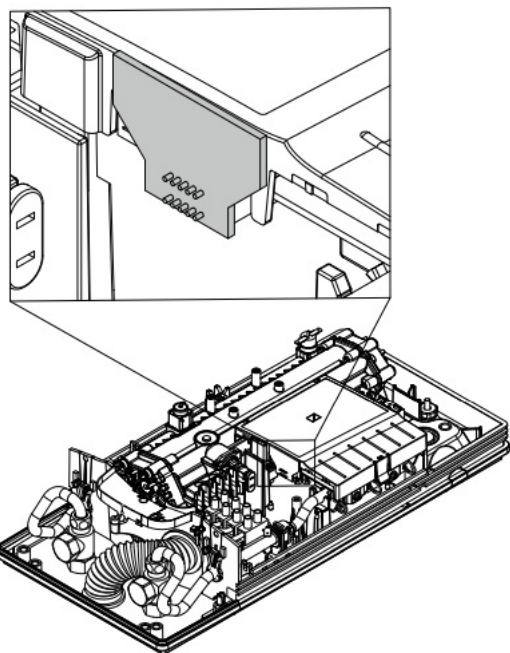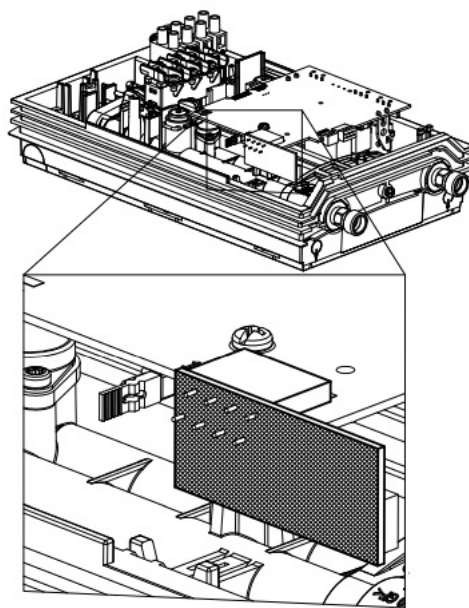1) Do not use rechargeable batteries.

Dimensions
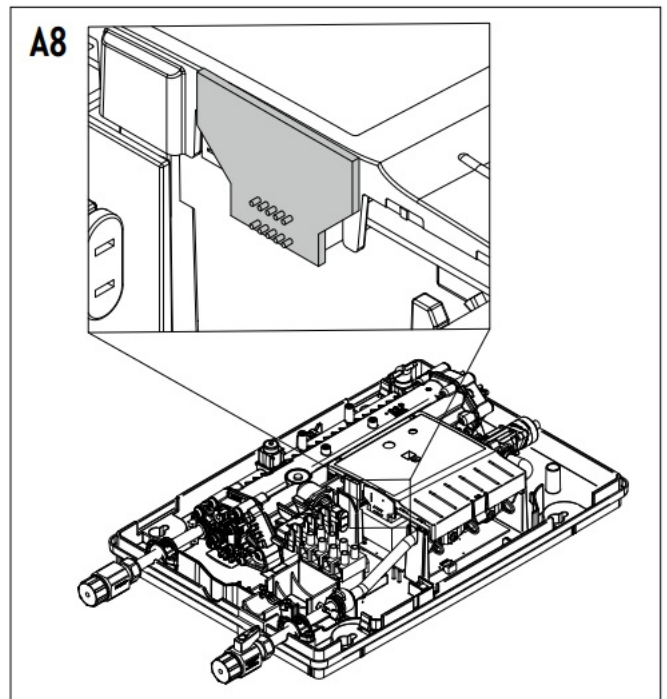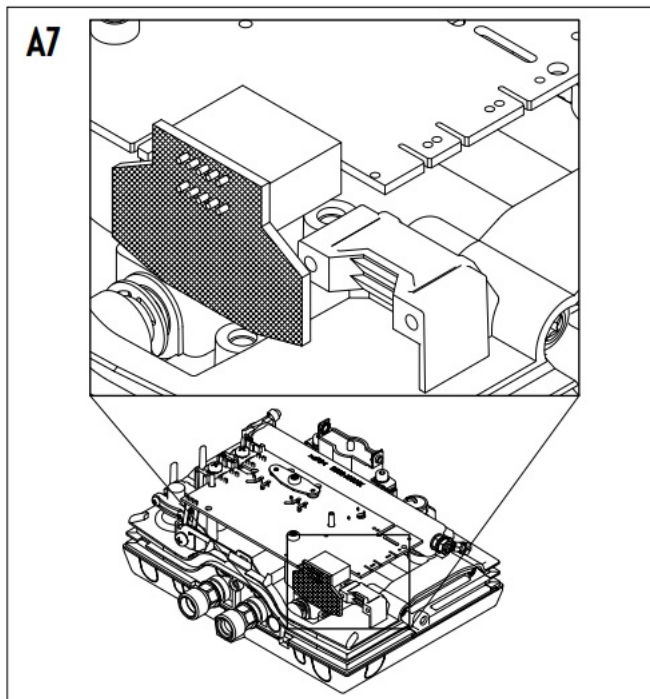
See figure A1 (dimensions in mm).

Installation

Mounting the wall bracket

- 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 the fig. A3) on a plain surface (e.g. a tile) or with suitable dowels (Ø 4 mm) and screws (as shown in the fig. A4). Dimensions in mm.
- When mounting with adhesive tape, ensure that the mounting surface is dry and free of grease and soap.
- When using the adhesive tape it is not possible to adjust the position afterwards 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.

A3

A4

A5

A6

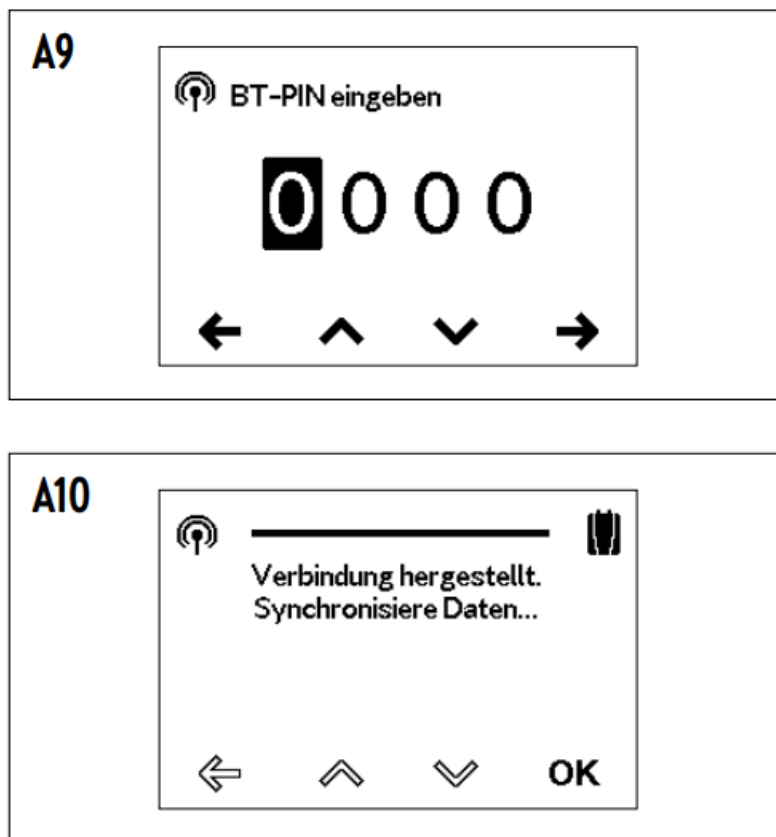**Mounting the radio adapter inside a instantaneous water heater**
With the CFX, ISX DEX Next S and DSX Touch models, the radio adapter is already installed at the factory.

- Before assembling the transmission unit disconnect the instantaneous water heater from the mains supply!
- Pay attention to the proper position of the connector!
- The connector has to be fitted into the notch properly.
    1. Open the instantaneous water heater according to the manual of the appliance.
    2. Remove the electronics cover (if present).
    3. Plug the radio adapter onto the electronics (see fig. A5 – A8). 4. Snap the electronics cover back on.
    4. Replace the bonnet and fasten it.

Initial operation

1. Make sure that the power supply to the instantaneous water heater is switched on (fuse) and that the display (if available) of the instantaneous water heater shows the latest set value.
2. After inserting the batteries into the radio remote control (fig. A2), the language selection appears. Select your preferred operating language and confirm with "OK".
3. The PIN entry appears (fig. A9).
4. DEX/ISX/DSX: Enter the first four digits of the Bluetooth PIN and confirm with "OK". The PIN can be found on or at the type plate of your instantaneous water heater.
   MCX/CFX/CEX: Enter the last 4 digits of the serial number. The serial number can be found on the type plate of the instantaneous water heater and in the warranty booklet.
5. The remote control is now connected to the instantaneous water heater and starts data synchronisation (fig. A10). This may take a few seconds. The remote control then switches to the Main control.
6. Test the function by changing the setpoint via the remote control and checking the water temperature.
   If the registration was not successful, a message appears. Select "OK" to start a new login attempt.

If your device is not found even after several attempts, check the plug-in position of the radio adapter.

A9 — BT-PIN eingeben — 0 0 0 0

A10 — Verbindung hergestellt. Synchronisiere Daten...

Notes:

- With no remote control registered or without working radio connection, the instantaneous water heater heats to the prior selected set temperature.
- After replacing the batteries, a new registration is not required.
- Only register again after performed factory reset or when the remote control display continually indicates "No device connected".
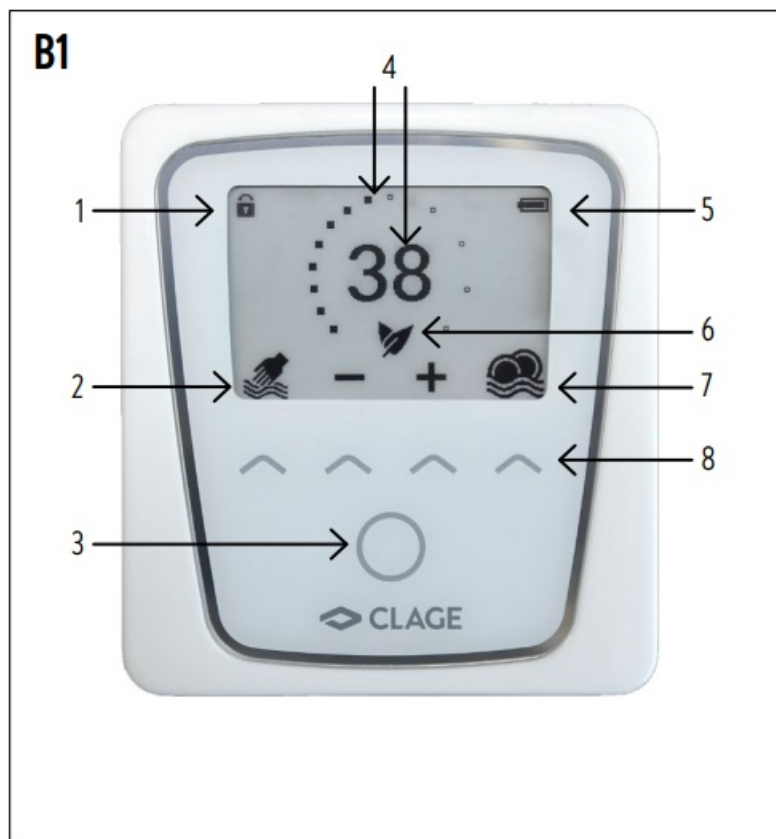
How to use

Main control
The e-paper display changes automatically to main screen approx. 15 seconds after activation or operation.

Tab the sensor keys to select user profiles or applications or change the temperature.

Display informations (fig. B1)

Pos.	Function
1	Status display, top
2	Programme button 1
3	Menu button
4	Temperature display
5	Battery status
6	Status display, bottom
7	Programme button 2
8	Sensor keys

Temperature display
The scale ring fills up as the temperature setting is increased. When water is flowing, the ring shows the power consumption. In addition, the target temperature is displayed in °C in the middle of the display.

Temperature setting
The desired temperature can be selected via the two middle sensor keys within a range of 20 °C to 60 °C. Tapping once changes the temperature by 1 °C, in the comfort range between 35 and 43 °C by 0.5 °C. If the temperature is

set below 20 °C, the symbol ❄ appears in the temperature display and the appliance switches off the heating function.

Programme buttons
The two programme buttons allow to quickly select the preset temperature.
When pressing a programme key, the preset temperature is selected and displayed (fig. A2). The factory setting is 35 °C for programme 1 and 48 °C for programme 2. You can assign your own settings for the programme keys:

- Prolonged pressing of the programme key stores the previously selected temperature. This newly set temperature is now available to you each time you press the corresponding program key.

Status display, top

🔒 Control lock active (PIN)

☼ The inlet temperature exceeds the target value (appliance does not heat up)

Status display, bottom

Display area for functions which require confirmation from the user or which are of great significance.

🔧 **Maintenance:** The appliance detected an error. Select "Info" in the Main menu to get further informations.
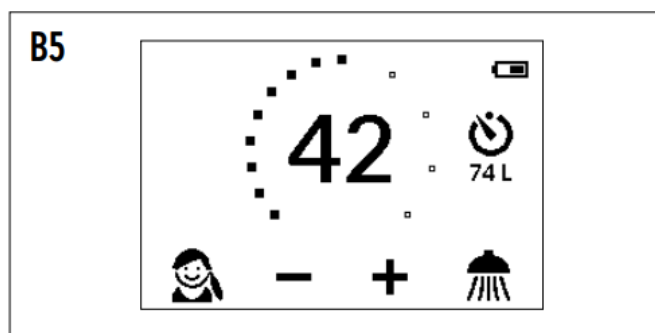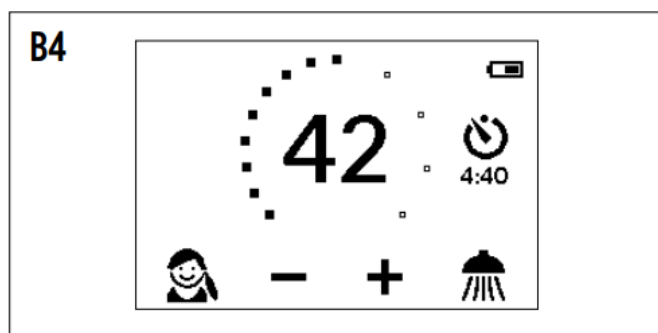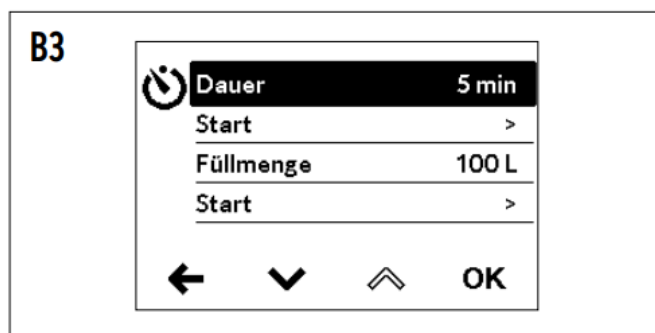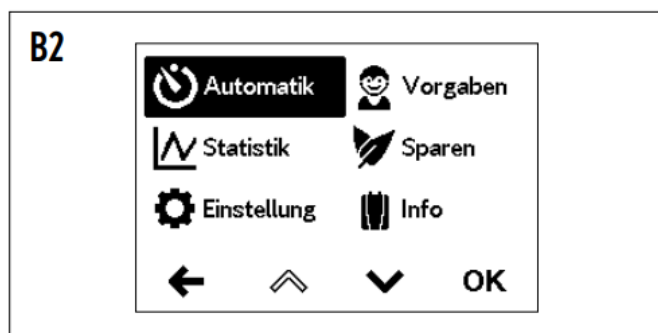
🍃 **ECO mode:** When this mode is activated and the unit is operating in an energy-efficient range, this is indicated by the ECO symbol.

MAX **Maximum temperature reached:** The temperature cannot be increased any further since the set temperature limit has been reached. The temperature limit can be changed in the main menu under "Settings".

Main menu
Press the menu button to enter the main menu. All function menus and saved values of the appliance can be selected from here (fig. B2).

Automatic (only models with motor valve)
In this menu, two functions can be selected. Automatic either measures the time in seconds via the function "Duration" or the flow of heated water in litres via the function "Fill-Up" (fig. B3). Cold water added at the tap

cannot be recorded by the appliance. In order to use the Automatic function correctly according to the fill quantity, it is therefore necessary to set the desired temperature and only turn on the hot water tap.
For each function per user profile, the last set start value is saved and can be activated at any time.

Note: In Automatic mode, the operating functions are limited. When selecting a limited function, an instruction window appears. Select "OK" to deactivate Automatic mode and all functions are freely available again. Tap on "Cancel" to close the instruction window and Automatic mode remains active.

Duration: Under "Duration", set the desired time and then select "START" to activate Automatic mode. The view changes to the main control where the set time is displayed to the right of the temperature display (fig. B4).
Turn on the hot water tap to start the function and the time starts to count down as seconds. Turning off the tap does not pause the function.

If hot water is already flowing whilst the function is activated, it starts immediately.
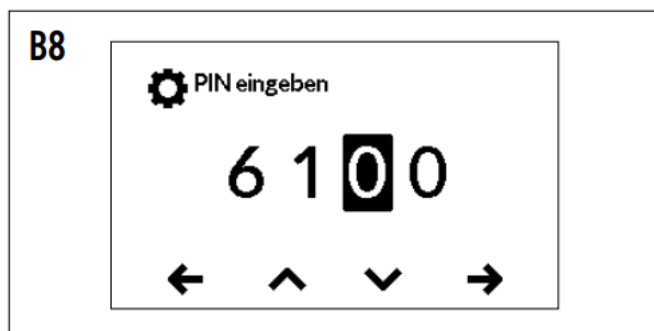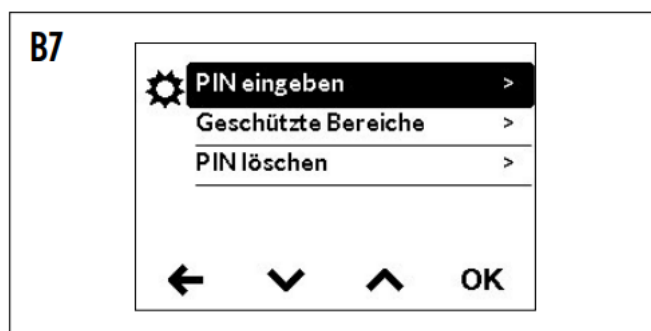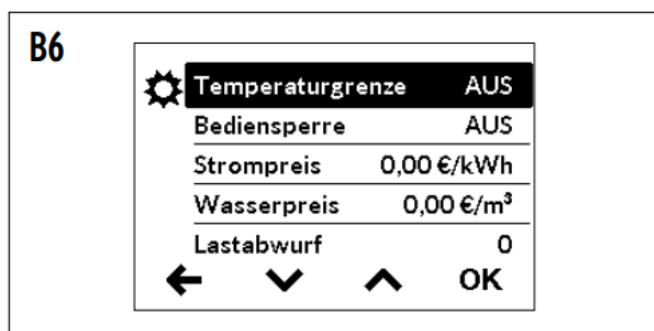To cancel the function, tap on menu button and confirm the message with "OK".
When the time has elapsed, a message appears. In addition, the flow quantity, if it is being drawn, is reduced for around 5 seconds and then increased again.

Fill-Up: Under "Fill-Up" set the desired water quantity and then select "START" to activate Automatic mode. The view changes to the main con-trol where the set quantity is displayed to the right of the temperature display (fig. B5). Turning on the hot water tap starts the function and the set fill quantity counts down in litre increments according to the flow measurement.
Continued turning off and on of the tap pauses and restarts the function. If hot water is already flowing whilst the function is activated, it starts immediately. To cancel the function, tap on menu button and confirm the message with "OK" or turn off the water flow for a minute.

When the fill quantity is reached, a message appears on the display and the appliance stops the water flow by closing the motor valve. The motor valve stay closed until the message is confirmed at the appliance, remote control or via app.

Turning off the tap is always necessary, the function must therefore not be used unsupervised.
Before using the bath, make sure that the water temperature is what you want it to be.
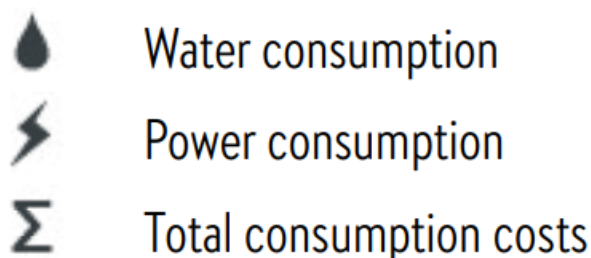
Hint: The water amount of the last draw-off is stored in the "Statistics" menu. To determine the necessary amount of water for your bathtub, fill it with warm water, then select "Statistics" in the main menu and read out the value of

this last drawing. Enter this value in the automatic func-tion "Fill-Up" to use it for the next bathtub filling.

Note: In the event of a power cut whilst the automatic is running accord-ing to the fill quantity, the water flow is stopped by the motor valve. After power is restored the valve remains closed a prompt appears on the display until the prompt is acknowledged by tapping on "OK".

Statistics
In the statistics the consumption and usage data are captured by the appliance and displayed in graph format:

Select or to scroll through the different periods. The consumptions are displayed over a period from the last drawing of water or the total consumption.

Note: The consumption data are not suitable for billing purposes.

Settings

This menu is used for the basic configuration on the appliance. Select or to scroll through the different menu items and tap "OK" to change settings directly or go to submenus.

Language: Select the menu language.

Power display: The scale ring indicates the absorbed power when water is flowing. Maximum filling means maximum power consumption. The function can be deactivated to extend battery life time.

Display last tap: After each tap, a message appears showing how much energy and water was consumed during the last use. The function can be deactivated to extend battery life time.

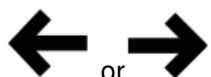**Currency:** Select a currency symbol.

Temperature Limit: The temperature limit can be activated/deactivated in this menu and the maximum warm water temperature can be limited to a desired value within the temperature setting range (fig. B6).

Note: If the instantaneous water heater supplies a shower, then the maxi-mum temperature was limited during the installation of the appliance and can not be changed.

Operation Lock: Secure your settings with a four-digit PIN (fig. B7).

Note: The operation lock can only be deactivated with the correct PIN under "Protected Sections" or under "Delete PIN". If you should forget your PIN, please remove the batteries for a short time.

PIN Entry: Use or to select digits from 0 to 9 (fig. B8). To move to the next or previous digit, select
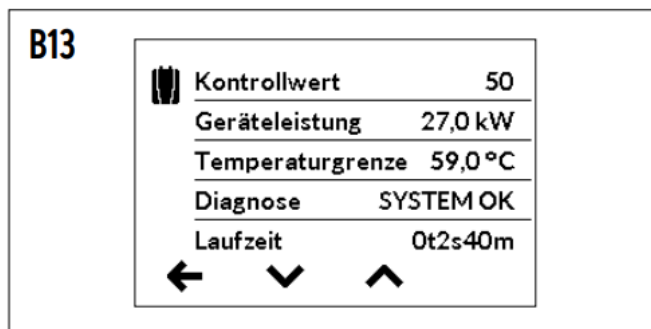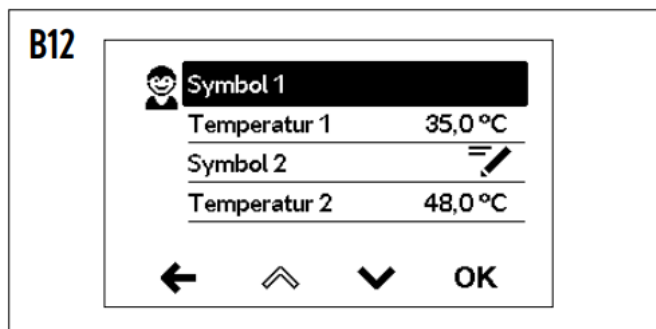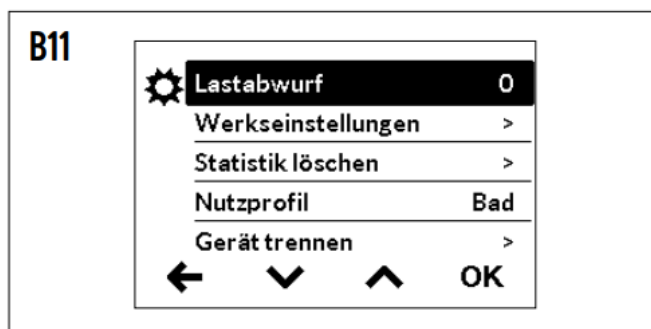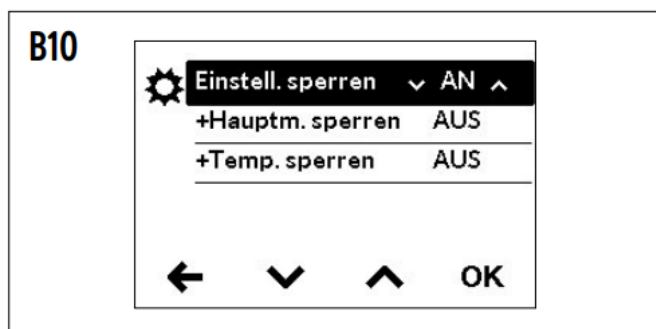
← or →. Once you have selected both digits, confirm by →. The PIN must be reentered and confirmed by "OK" as a security measure (fig. B9).
If both entries match, you can access the section "Protected Sections".

Protected Sections: Select the areas for a PIN lock (fig. B10).

- **Lock Settings:** Automatically active as soon as a password has been generated. Users can only access the settings menu with a PIN. Deactivating it deletes the current PIN.
- **+ Lock Main Menu:** Users can only access the main menu with a PIN
- **+ Lock Temperature:** The outlet temperature is set to the current value and can only be changed with a PIN.

B10

⚙	Einstell. sperren	∨ AN ∧
	+Hauptm. sperren	AUS
	+Temp. sperren	AUS

← ∨ ∧ OK

B11

⚙	Lastabwurf	0
	Werkseinstellungen	>
	Statistik löschen	>
	Nutzprofil	Bad
	Gerät trennen	>

← ∨ ∧ OK

B12

😀	Symbol 1	
	Temperatur 1	35,0 °C
	Symbol 2	✎
	Temperatur 2	48,0 °C

← ⌃ ∨ OK

B13

🧍	Kontrollwert	50
	Geräteleistung	27,0 kW
	Temperaturgrenze	59,0 °C
	Diagnose	SYSTEM OK
	Laufzeit	0t2s40m

← ∨ ∧

Electricity price (currency/kWh): Specify the electricity price of your own electricity supplier.

Water price (currency/m³): Specify the water price of your own water supplier.

Load Shedding: If further three-phase appliances are connected, a load shedding relay designed for electronic instantaneous water heaters (CLAGE no. 82250) can be connected to phase conductor L2. This relay ensures the operation of the water heater by switching off other consum-ers until the end of heating operation.

Select "OK" to activate the edit mode (fig. B11). To set a value of "0", "1" or "2" press and hold ∧ or ∨ for two seconds.

Operating mode 1 must be selected first, thus to check the correct operation of the load shedding relay at low appliance output (35 degree celsius setpoint and low water flow rate). Mode 2 must be selected if the load shedding relay flickers.

Factory Settings: All factory settings can be recalled. Temperature limit for showering and load shedding are not affected.

Note: All customised user profiles and power and water prices entered, are deleted.

Delete Statistics: Use this function to delete all previously collected statistical data. Deleted statistical data cannot be restored.

Thermal treatment (only models with motorised valve and a rated output of at least 18 kW): With this function, you can support a thermal treat-ment of your appliance and the following pipeline, including the tap. A thermal disinfection according to the accepted rules of technology is not replaced.

- Tap "OK« to start the treatment cycle and the outlet temperature is set to 70 °C. The function is disabled if the appliance is connected to a shower.
- Draw hot water for at least three minutes to heat the pipes to the tap completely.
- A change of the temperature or 30 sec without water flow terminates the treatment cycle.
- The number as well as the accumulated duration and the water amount of all thermal treatments will be saved.

Notes:
Ensure that no one can be injured by the elevated temperatures and that the installation can withstand the strain. The exiting water and the tap become very hot! The water steam should not be inhaled.

Disconnect appliance: Deregisters the remote control from your appliance.

SW update: This function allows you to update the software of your remote control by the CLAGE Smart Home App via your smartphone/tablet.

Presets
The programme buttons can be customised here with your own icons and temperatures (Fig. B12).

Savings (only models with motor valve)
The flow rate can be regulated and the ECO settings activated in this menu.

Setting options for the flow rate:

- "OFF" no flow rate limitation (motor valve deactivated)
- "AUTO" automatic adjustment, i.e. flow rate is limited in a way so that the selected outlet temperature is reached e.g. "9.0" limitation to a freely selectable value between 4.5 and 14 l/min
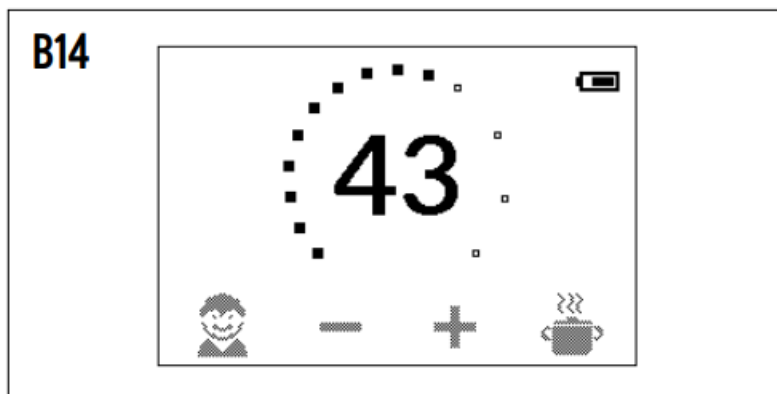
ECO settings: Selecting "OK" sets the flow rate to 8 l/min and the tem-perature to 38 °C.

Device Information
The current status and appliance data are listed here. Use the sensor keys to scroll through the different information values (fig. B13).
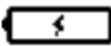
Key lock
The key lock can be activated/deactivated by simultaneously pressing and holding the left and right sensor keys. As long as the key lock is active, all symbols are shown hatched (see fig. B14).

Trouble-shooting and service

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

Problem	Cause	Solution
Display: "No device connected" and appliance does not response to the remote control	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 button
	Power failure	Check the power supply of the instantaneous water heater
Symbol "battery" lights	Flat batteries	Insert two new type AA-batteries
Temperature changes unintentional	Operation via other remote control, Smart Control app or directly on the water heater	Only register the desired remote control
Sensor keys do not respond	Key lock active	Press and hold left and right sensor key
	Software has detected an error	Reinsert battery

If you cannot rectify the fault with the aid of this table, please contact the after sales service
We can either give you the name and address of an authorised 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.
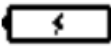
CLAGE GmbH
After-Sales Service
Pirolweg 4
21337 Lüneburg
Germany
Phone: +49 4131 8901-400
Email: **service@clage.de**

Battery replacement

Replace the batteries with new AA-batteries when the battery symbol appears (fig. A2).

- 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 separate from the appliance.

Documents / Resources

 CLAGE FX Next Radio Remote Control Set [pdf] Instructions
MCX, CFX, CEX, ISX, DEX Next, DSX Touch, FX Next Radio Remote Control Set, FX Next, Radio Remote Control Set, Remote Control Set, Control Set, Set

References

- **⬦ Startseite · Durchlauferhitzer, warmes Wasser und mehr! · CLAGE.de**

- **User Manual**