Vitotrol 100-EH

Wireless remote control for 1 heating circuit/cooling circuit

Safety instructions

⚠ **Please follow these safety instructions closely to prevent accidents and material losses.**

Safety instructions explained

⚠ **Danger**
This symbol warns against the risk of injury.

Note
Details identified by the word "Note" contain additional information.

Target group

These instructions are intended for system users.
This appliance can also be operated by children aged 8 and older, as well as by individuals with reduced physical, sensory or mental faculties or those lacking in experience and knowledge, provided such individuals are supervised or have been instructed in the safe use of this appliance and any risks arising from it.

⚠ **Danger**
Wireless signals can interfere with electronic medical devices, particularly pacemakers, hearing aids and defibrillators.
If any such equipment is fitted, users should avoid being in the immediate vicinity of operational wireless components.

Installation and adjustment

- All settings and work on the device must be carried out as specified in these instructions.
- Observe minimum clearances to ensure reliable signal transmission.

Operation of the system

- Only operate the devices inside closed buildings.
- Never operate devices in rooms where there is a risk of explosion.

- Protect devices from:
  - Moisture
  - Dust
  - Liquids
  - Vapours
  - Direct sunlight
  - Other direct thermal radiation
- After a restart, check the status of the wireless components.

⚠ **Danger**
Damaged equipment poses a safety hazard.
Check the appliance for external damage. Never start up a damaged appliance.

Auxiliary components and individual parts

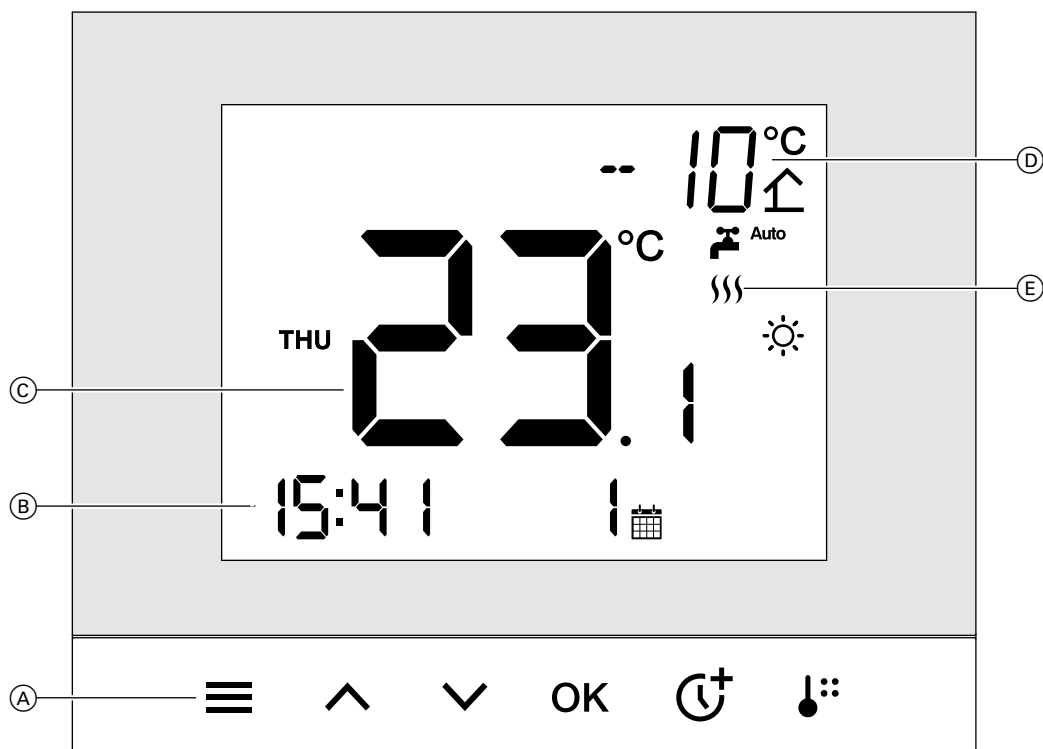For replacement, use only spare parts supplied or approved by Viessmann.

Overview of controls

Fig. 1

Ⓐ Operating buttons
Ⓑ Current time
Ⓒ Current actual room temperature

Ⓓ Current outside temperature
Ⓔ Symbols

Operating buttons

| ≡ | Settings |
| ∧ / ∨ | Scroll through the menu. |
| **OK** | Confirm selection or change. |

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☾⁺ Confirm the function **"Extend time phase once"**.

🌡 Select the set room temperatures for the temperature levels.

Symbols on the display

General symbols

📶 Low power radio connection to the Viessmann appliance has been established.

✋ "Lock out controls" (child lock) is active.

Temperatures

☾ Room heating/room cooling to reduced room temperature

☼ Room heating/room cooling to normal room temperature

🍸 Room heating/room cooling to comfort room temperature

🚰 DHW temperature in ON/OFF condition or time program (according to system configuration)

Operating programs

❄ Cooling mode is active.

〰 "Reduced", "Normal" or "Comfort" heating mode is active.

☾⁺ **"Extend time phase once"** is active.

🚰Auto DHW is heated according to the time program.

🚰Off DHW heating is permanently off.

🚰On DHW heating is permanently on.

Messages

⚠ Fault

🔋 Replace the batteries.

Symbols during operation

⚙ While settings are being made.

🗓 Time program: Active time phase

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Settings menu ≡

Note
Depending on the equipment level of your system, not all of the settings and checks listed may be available.

Settings		Meaning
MODE		Operating program
	HEATING	Heating
	COOLING	Cooling
	AUTO	Heating/cooling
	STANDBY	Standby mode with frost protection
SCHEDULE		Time program for room heating
TIME DATE		Time and date
	WEEK TYPE	Format of the weekday display
	FORMAT	Time format
DHW 🚰		DHW heating
	DHW ONOFF	Switch DHW heating on/off
	DHW SCHED	Time program for DHW heating
	SETPOINT	Set DHW temperature
	MODE	Mode of DHW heating
TEMP PROF		Temperature level for room temperature
	REDUCED ☾	Reduced room temperature
	NORMAL ☼	Normal room temperature
	COMFORT ⍙	Increased comfort room temperature
DEV INFO		Device information
	BATT 🔋	Battery charge level
	RF RANGE 📶	Wireless signal range
	SW VERS	Software version
	ADJUST	Offset displayed actual room temperature
LANGUAGE		Language
CHILDLOCK ☝		Lock out controls (childproofing)
RESET		Reset (recommissioning required)

Time programs

In the time programs you determine what your heating system should do at what time. For this, divide the day into sections. These are called time phases. Subject to the system equipment level, up to 4 time phases are available. For each time phase, you define a start time and an end time.
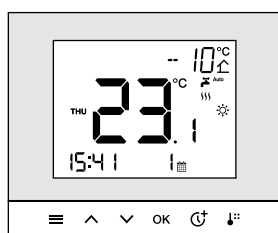
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Time program for room heating

Different temperature levels with adjustable room temperatures are active within and outside these time phases:
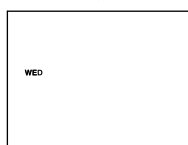- Reduced room temperature **"REDUCED"** ☾, automatically active outside the active time phases, e.g. at night or during regular absences
- Normal room temperature **"NORMAL"** ☼, adjustable within active time phases
- Increased comfort room temperature **"COMFORT"** ⊤, adjustable within active time phases

Factory setting:
- **One** time phase with temperature level **"NORMAL"** from 06:00 to 22:00 for all weekdays to 20 °C
- Outside active time phases, temperature level **"REDUCED"** to 3 °C

1. ≡
2. ⋀ / ⋁ for **"SCHEDULE"**
3. **OK** to confirm

1. ⋀ / ⋁ for a group of days or a single day
2. **OK** to confirm

Set the beginning of the first time phase:
1. ⋀ / ⋁ to set the hour.
2. **OK** to confirm
3. ⋀ / ⋁ to set the minutes.
4. **OK** to confirm

Set the end of the first time phase:
1. ⋀ / ⋁ to set the hour.
2. **OK** to confirm
3. ⋀ / ⋁ to set the minutes.
4. **OK** to confirm

Set the temperature level of the first time phase:
1. ⋀ / ⋁ for temperature level **"NORMAL"** or **"COMFORT"**
2. **OK** to confirm

Note
*Between the **active** time phases, the rooms are heated to a reduced temperature.*
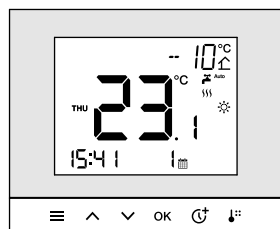

Indicator for start time flashes.
1. Set further time phases 2 to 4 if required. If no further time phase is to be set, do not set the start time.
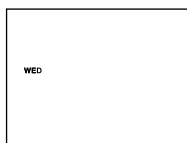2. **OK** to complete the setting of time phases.

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Time program for DHW heating

Factory setting:
- 05:00 to 22:00 to 50 °C

1. ≡
2. ∧ / ∨ for **"DHW"**
3. **OK** to confirm
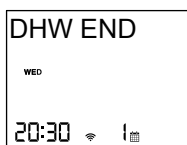4. ∧ / ∨ for **"DHW SCHED"**
5. **OK** to confirm

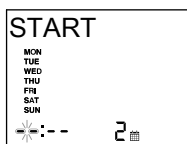1. ∧ / ∨ for a group of days or a single day
2. **OK** to confirm

Set the beginning of the first time phase:
1. ∧ / ∨ to set the hour.
2. **OK** to confirm
3. ∧ / ∨ to set the minutes.
4. **OK** to confirm

Set the end of the first time phase:
1. ∧ / ∨ to set the hour.
2. **OK** to confirm
3. ∧ / ∨ to set the minutes.
4. **OK** to confirm

Indicator for start time flashes.
1. Set further time phases 2 to 4 if required. If no further time phase is to be set, do not set the start time.
2. **OK** to complete the setting of time phases.

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