GARZA Programmable wall thermostat page 1 Initiation

The backplate contains the wall fixing with two prongs connected to the boiler control

The electronic unit is hooked on at the bottom and clicks in at the top

The twin battery boxes, each containing twoAAA cells are in parallel so one pair can be changed at a time so the other pair of cells can preserve the existing .programming

There is a recessed reset button top right which can only be reached using a tool such as the end of a pencil

Once started, the programming buttons are super-sensitive and must be pressed in sequence, with no more than a ten-second delay between presses or it flops back without saving any recent changes

The backlight button is on the side. Th lower front buttons are

▦ Menu – begin programming with 3 second press or use short press to step through program steps or to view values

🕘 **clock** – press for three seconds to reset clock short press simply displays stored values

⏻ on/ off (centre) requires 3 second press. Short press acts as the enter key to store programmed values and stop programming sequence

▲▼ increases or decreases values

When setting remember the touch control buttons can be either super-sensitive or slow to react! – to avoid the 10 second drop-out while checking something press the menu button to cycle through steps (the steps are in a loop, so it is easy to return to the value to be changed than to re-enter the previous settings which are otherwise lost

Time/temperature setting mode is accessed by ▦ menu for 3-seconds from standby mode after recessed reset has been pressed. If the thermostat is already active (working) the current settings are displayed a double 3-second press appears to work

Press 🕘 **clock 3 seconds** (y) Year (r m) Month d (Day) h (hour) and t (time) (have these details close to hand and ready to enter) press ⏻ to confirm and exit **Check** If correct the appropriate day should be indicated

1. Before starting, prepare the start times and temperatures for each of the six (or four) periods you require
2. Press ▦ Menu 3 seconds, the upper row of days flash. Select all week, 5-day working week or individual days () press ▲▼ to select, ▦ to continue or ⏻ to save and start over. (***hint** for special "custom" sequences it is possible to set all or work-week first then select and modify those individual specific days*
3. Start of period 1 tome appears flashing in SET window (default 6:oo) use ▲▼ to alter then press ▦ to continue
4. , the current set temperature on main display flashes (default, 200ºC) use s ▲▼ to modifyhen press ▦ to continue to the next start time period, temperature period next start time period, temperature period
5. press ⏻ to finish. The selected temperature shows in the small SET window, the actual room temperature in the large main display. On the top appears the current the day, left (house and arrow, sun or moon) indicates the current time period. To see the time press 🕘 clock displays time in small SET Window
6. Reset to factory settings is by long press of ▦ menu, when DEF is displayed large in main screen then ⏻ exit

There are two programming modes and a sleep mode
- **Configuration mode** sets the global parameters such as calender, time etc.
- **Heating program** defines the daily periods time and temperature
- **Sleep/ Off** occurs when selected, as a result of faults or extreme temperatures

Button symbols (left side of central ⏻)

▌ **Wake button** (left side of unit) short press for backlight

▦ **Menu button** (far left front) used to witch programmable mode or temporary hold mode during power on and programmable mode Press and hold for 3 seconds to enter programming mode, press up c, on/off to exit

🕐 **Time button** during normal operation short press to switch between time and temperature displayed

Press for three seconds to enter time settings use either menu to sequentially set current

y (Year) **r m** (month) **h** (hour) using up and down to adjust, on/off to exit date set or

Press time again to enter weekly settings, on/off to exit

⏻**Power / Confirm** button (centre) in setting/program menu or time modes

short press to confirm and exit operation

When unit is active 3 second press turn-off/shutdown then short press to restart

When in power saving (display not lit) ½ press to wake-up ▲▼ up/down or increase/decrease or on/off
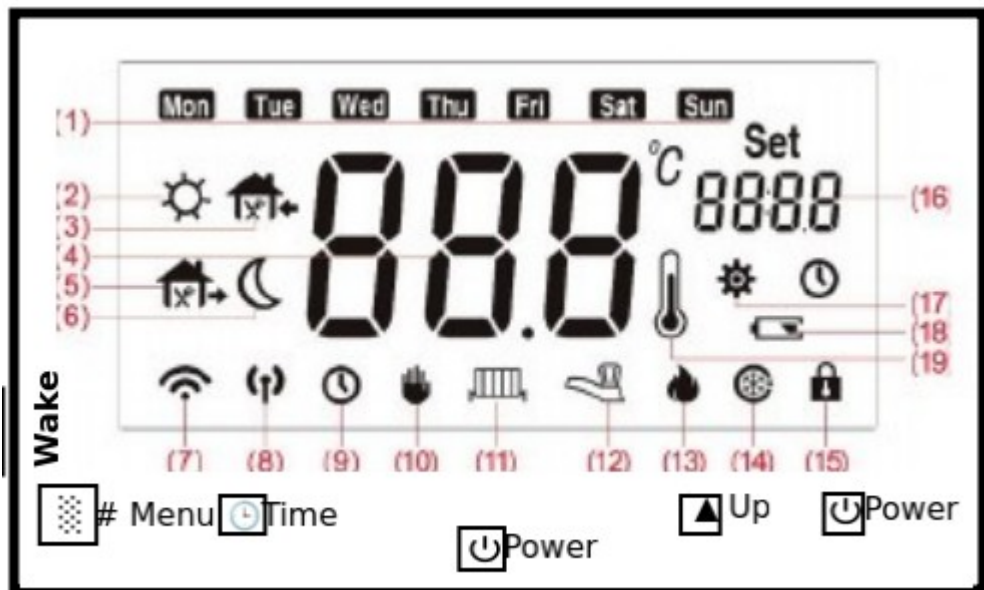
Period indicators (Time bucket) (Top row #1 – 7 days of week symbols, left margin of display #2 -#6

1. *actual set times & temperatures (Factory default temperature in brackets)*
2. *arrows after house indicate occupation or absence,*
3. *cross cutlery in house indicates meal times*
4. *To return to default press ▦ four seconds. DEF appears in*
5. *User settings where only a few times need to change are shown in bold*

☀	🏠	🏠	🏠	🏠	☾
Wake #2 Breakfast	**Morning Shift #5**	**Lunch break #3**	**Afternoon Shift ·5**	**Evening Rest #3**	**Night sleep #6**
06:00:00 (6)	**09:00:00** (8)	**12:00:00** (11)	**13:00:00** (14)	18:00:00 (18)	22:00:00 (22)
User 20º (def:20)	User16 º (def:16)	20º (20)	20º (16)	20º (20)	16º (16)

Function indicators

7. **Wi Fi** not used
8. **Remote** not used
9. **Wake** bucket
10. **Time** settings in progress
11. ✋ **hand** shows permanent setting if other symbols show temporary status
12. **Tap – Radiator** alternate temporary modes
13. **Flame** shows output status
14. **Snowflake** Frost warning
15. **Lock** indicates stored successfully
    Dotted frame is open window indicator (Temperature has dropped 1½º in 3 minutes)
   This turns off heating until rising temperature detected over 30 minutes
    but can be manually overridden and former mode restarted by pressing any key
16. 16 **set window** ✳Temperature or 🕐 time

Notes
- *Sets up Global settings first, not necessary every time heating program changed*
- *Entered by pressing* ▦ *menu button, data stored by pressing exit button* ⏻
- *If no button pressed for 10 seconds, programming abandoned, any changes are not saved*
- *It is entered from running (active) mode, but there seems the default will be adequate for most purposes*

1. ▦ **# Menu press for** 3 Seconds to enter configuration mode
2. ▦ **# Menu** to step to next
3. In standby hold # menu button 3 seconds to enter first configuration
4. Drops out after 10 seconds if no other signal input
5. Then ▲▼ to adjust parameters
6. # menu button to step on or ⏻ to exit

Step #	Menu button ▦	Default (Display)	Set range Press ▼▲	Description
1	#Close-Cold	✳ CL (0ºC)	-4ºC /+4ºC	Select temperature display
2	# Ambient high	✳ AH (35ºC)	20ºC - 36ºVC	Maximum allowable interior
3	#Ambient low	✳ AL (5ºC)	5ºC - 20ºC	Minimum Allowable interior
4	#Backlight	✳ BL (30ºC	6 / 10 / 16	Display time visible in seconds
5	# detection	✳ db (0.5ºC)	0.5ºC - -3ºC	Permissible detection error
6	#Programming	✳ Pro (On)	On/Off	Enable or inhibit further programming
7	#Segment	✳ Seg (6)	4 / 6	Programming periods in one day option 6-6 time zones 4-4 time zones
8	#Intelligent	✳ ES (Off)	On/Off	Intelligent function option
9	# Protection	✳ PP (Off)	On/Off	Antifreeze function On/Off
Short press ⏻ Confirm and return to running mode				

In standby mode hold # more than 3 seconds enter the first of configuration menu setting.
Time Y Mo D H M
Press▲▼ to adjust parameters. Press# again to enter next item Press ⏻ confirm and return to standby mode. f no button is pressed within 10 seconds the thermostat will automatically exit configuration setting and back to standby mode

When program ed and running mode hold the # button for more than 3 seconds to modify the time. Use the ▲▼ keys to choose the time you wish to modify. Seven days of unified modification or 7 days of independent modification.
MON-FRI unified modification / independent modification, SAT- SUN independent modification / unified modification
Press button ¿#? again to enter programming mode to set the first mode press ▲▼ to adjusting.
Press Φ confirm and back to running mode. If no button is pressed for 10 seconds the thermostat will automatically exit back to running mode. When long press # button show that DEF flash 3 times all parameters settings return to factory default settings and return to implied parameters setting the first item.
1) Press # once MON (indicating Monday program) will appear in the display. Also be displayed are the currently programmed start times for the 1st heating period and the currently programmed temperature (flashing), icon indicates 1st program period (get up) setting.
2) press ▲▼ to change the displayed temperature to your selected temperature for the 1st heating period.

Repeat above operation and settings as user request
Power off mode
Room temperature less than 5+º starts frost setting until +8º

Power on (Heating control)
Requires unit functional (Battery indicator OK and connection to boiler intact)
The output will be open circuit (boiler off) when temperature greater than +/- 5º value setset
Error Warnings
1. low battery flashes when output less than 2.3 Volts
2. Sensor disconnected or unit is damaged ERR (Error) warning will show

Help!
Contact customer services (no contact details provided on enclosed multilingual micro-instruction book)
Weekdays 09:00 – 18:00 customer@garza.es ☎ 911679765 https://garza.es/content/16-ayuda