

SALUS[®]

CONTROLS PLC

iT500BM Internet Thermostat



USER MANUAL

Product compliance & safety information

These instructions are applicable to the SALUS Controls model stated on the front cover of this manual only, and must not be used with any other make or model.

This accessory must be fitted by a competent person, and installation must comply with the guidance provided in the current IEE Wiring Regulations and current Building Regulations. Failure to comply with the requirements of these publications could lead to prosecution.



Always isolate the AC Mains supply before installing or working on any components that require 230 VAC 50Hz supply.

**When fitting batteries, do not mix old and new batteries together.
Do not use rechargeable batteries.**

Please leave these instructions with the end user where they should be kept in a safe place for future reference.

Contents of the box



iT500TR Thermostat



iTG500 Gateway



Optional Stand



ADSL Cable



iT500 Power adaptor



Fixing screws
& plugs



Bracket



Wall mount

Installation

Please refer to the installation guide.
The installation guide also shows how to connect your iT500 thermostat to the internet.



Connection & Control



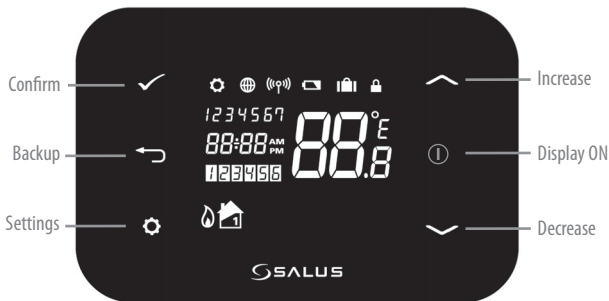
www.salus-controls.com

For details please refer to page 28 in the installation manual.

LCD Overview

LCD ICONS	DESCRIPTION	FUNCTION
1 2 3 4 5 6 7	Day of the week	Displays the number of the day of the week. 1 being Monday
88.8 [°]	Temperature indicator	Displays set or measured temperature
88:88	Clock display	Displays time
1 2 3 4 5 6	Program number indicator	Displays the number of the active (selected) program
🔥	Heat mode indicator	Indicates heating output is turned on*
🏠	Heat indicator	Indicates heating zone
🌊	Hot water mode indicator	Indicates hot water output is turned on*
📶	RF signal indicator	Indicates the unit is transmitting a wireless signal to the iT500RX or is receiving the signal from the iT300*
🔒	Touch lock indicator	Indicates touch lock is activated
🔋	Battery status	Indicates battery is low
🗓️	Holiday indicator	Indicates holiday operation mode is selected
🌐	Internet indicator	Indicates connection to iT6500 and SALUS server
AUTO	AUTO indicator	Automatic program mode
OFF	OFF indicator	Off mode
⚙️	Setting indicator	Manual override or settings mode

Controls



System PC & Smartphone Control



Energy save will use the lowest set temperature on your daily schedule.



Will be displayed when the current program has been manually overridden.

AUTO

*Press AUTO to cancel temporary override of program temperature.

The screenshot shows a heating control interface with the following elements:

- Top left: HEATING icon with a house symbol.
- Top center: SETTINGS icon with a gear symbol.
- Top right: Thursday | 15/08/2013 | 11:49 18 am
- Control buttons: AUTO (highlighted with a green border), ENERGY SAVE, OFF, ALL, 5/2, INDIVIDUAL.
- Day selection: MON - FRI (highlighted), SAT - SUN.
- Program schedule table:

Program	Time	Temp
1	7:10 am	21.0 °C
2	9:00 am	15.0 °C
3	10:40 am	24.0 °C
4	12:10 pm	23.0 °C
5	2:50 pm	17.5 °C
6	9:20 pm	15.0 °C

Below the table, there is a "Holiday not set" section with fields for "Holiday Start:" (14-08-2013 1:38 pm) and "Holiday End:" (14-08-2013 1:38 pm).

Center display: CURRENT TEMPERATURE 24.0 °C, HEATING AUTO, with up/down arrow buttons.

System PC & Smartphone Control

Follows weekly schedule

Energy save mode

Heating continuously off

AUTO ENERGY SAVE OFF

CURRENT TEMPERATURE

24.0 °C

HEATING AUTO

Override program temperature*

SCHEDULE WEEKLY DETAIL

PROGRAM	TIME	TEMPERATURE
3	11:00 AM	21.0
4	1:00 PM	14.0
5	4:00 PM	21.0

Change/view weekly heating schedule

Current program

Home Holiday Settings Back

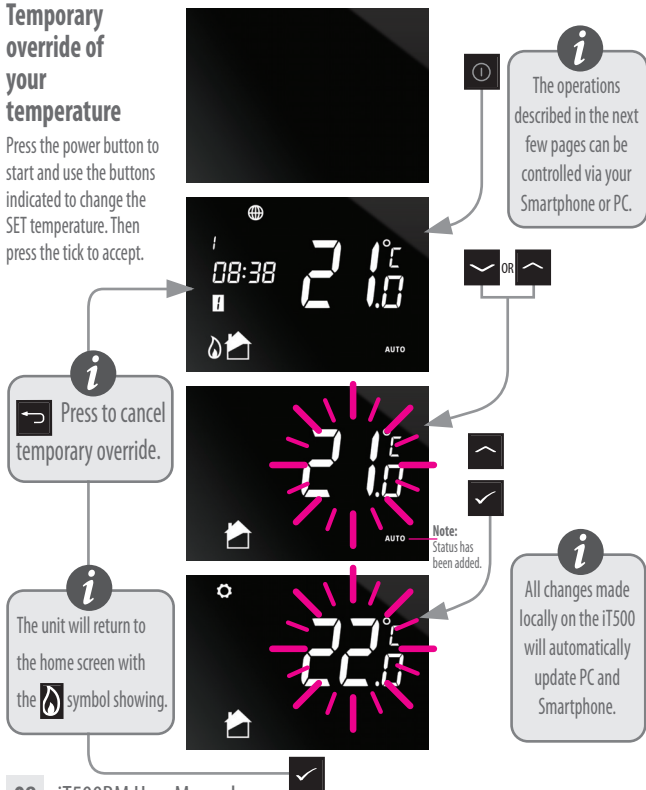
The interface features a top navigation bar with three modes: AUTO (circled in green), ENERGY SAVE (with a leaf icon), and OFF. Below this is a 'CURRENT TEMPERATURE' display showing 24.0 °C and 'HEATING AUTO' status. To the right of the temperature are up and down arrow buttons. A 'SCHEDULE' section below shows a table with three programs. Program 4 is highlighted in green. A 'WEEKLY DETAIL' button is to the right of the schedule table. At the bottom is a navigation bar with icons for Home, Holiday Schedule, Settings, and Back.

System Local Control

Control available on your Smartphone or PC is also available locally on the iT500.

Temporary override of your temperature

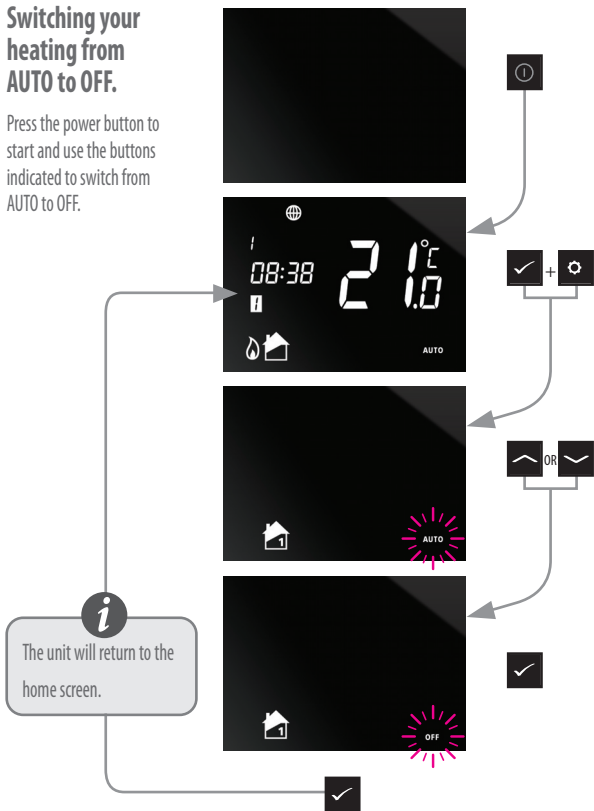
Press the power button to start and use the buttons indicated to change the SET temperature. Then press the tick to accept.



System PC & Smartphone Control

Switching your heating from AUTO to OFF.

Press the power button to start and use the buttons indicated to switch from AUTO to OFF.



Default Program Schedules

Central Heating


PROGRAM	WEEKDAY (1 to 5)	WEEKDAY (6 to 7)
1	Time 6:00am Setpoint Temp 21°C	Time 6:00am Setpoint Temp 21°C
2	Time 8:00am Setpoint Temp 14°C	Time 8:00am Setpoint Temp 14°C
3	Time 11:00am Setpoint Temp 21°C	Time 11:00am Setpoint Temp 21°C
4	Time 1:00pm Setpoint Temp 14°C	Time 1:00pm Setpoint Temp 14°C
5	Time 4:00pm Setpoint Temp 21°C	Time 4:00pm Setpoint Temp 21°C
6	Time 9:00pm Setpoint Temp 14°C	Time 9:00pm Setpoint Temp 14°C

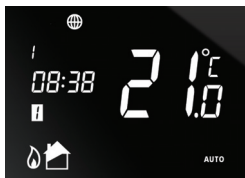


Your iT500 comes pre-set with these default program schedules. These can be easily changed via the PC or Smartphone App.

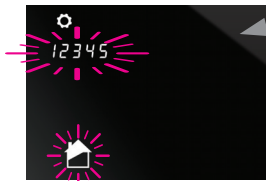
Viewing or changing your program schedule



At any time press and hold  for 5 seconds to return to the home screen.

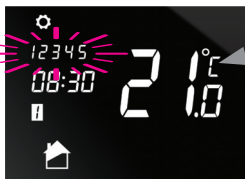


Long press to enter user settings.

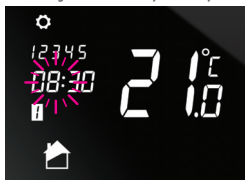


- A 
- B 
- C 

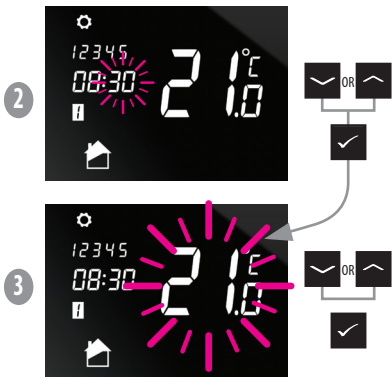
- A Program for Monday to Friday and program for Sat/Sun
- B All week programmer
- C Individual day programming



1




Default Program Schedules



i

Program time and temperature now set for program 1 Monday to Friday. Please continue to program 2 on the next page.

i

Continually pressing  will keep the screen on continually.

Viewing or changing your program schedule



Program Menu: Setting Time and Date




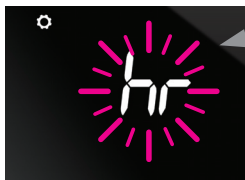
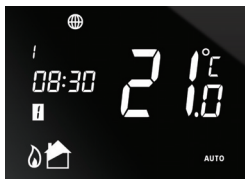
When connected to the internet, the iT500 will set the time and date automatically, however this can also be set manually.



Long press to enter user settings.



At any time press and hold  for 5 seconds to return to the home screen.



OR



Useful information

Exiting Holiday Mode

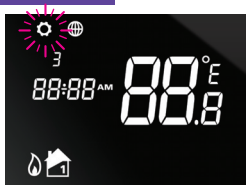
To exit holiday mode, press and hold the  button.



You can only activate holiday function via the Web App and Smartphone App.

Exiting Energy Mode

To enter or exit energy mode, press and hold the  button.

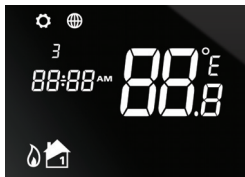


*See page 6 for description


Useful information

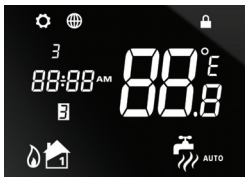
Cancel Temporary Override

To cancel temporary override of set temperature press and hold 



Lock Function

To enable or disable lock function press  and  together.





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