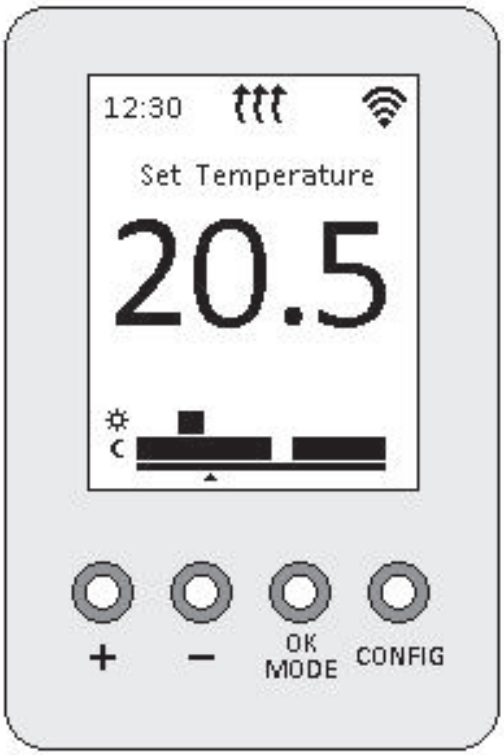
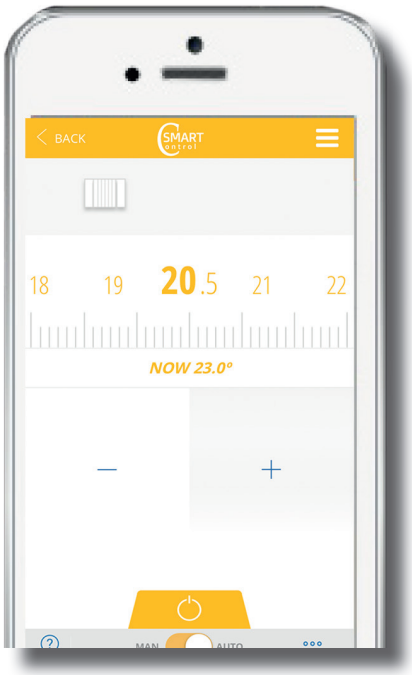
Instruction Manual -
SmartControl Interface DSD



Smart heating-
- Save energy



https://app.smart-control.eu



This is a quick reference guide. More detailed information, videos and error messages can be found on the following website:

www.electric-smart-heater.com

SCAN ME
Link to the web page

THESE INSTRUCTIONS SHOULD BE READ CAREFULLY AND RETAINED FOR FUTURE REFERENCE.
BE SURE TO OBSERVE ALL LABELS AND WARNINGS ON THE APPLIANCE.

Edition:09/23
Nr.: MAG-000258

Subject to errors and technical amendments. Dimensions without guarantee!

1.0 Operating the devices via an app

1.1 First steps

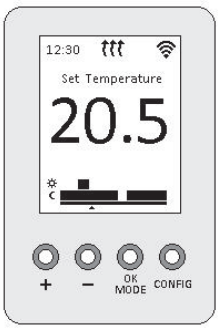
Download der APP:

SCAN ME

a) Download the app or go to the following website:
https://app.smart-control.eu Follow the further instructions

b) You can find a detailed video tutorial of the app at www.electric-smart-heater.com

2. Button function



The device has four buttons:
- Increase temperature, navigate up.
- Decrease temperature, navigate down.
- Ok / mode, confirm or change operating mode.
- Config.

2.1.1 Screen icons

Heating active icon.

True radiant functionality active icon.

Heating + true radiant icon.

Open window functionality active.

Away functionality active. AWAY

Device link, if icon blinking device lost.

If there is any active error. ErrX

2.2 Operation modes

The device has different operating modes: OFF, Manual, Auto and Modified Auto.
After starting the device appears a splash screen, then it goes to mode off. To change the mode the user has to press the OK/ MODE button.

Alternatively, it is available the Boost Mode for temporary changes. In order to start Boost mode, the user has to press CONFIG button.

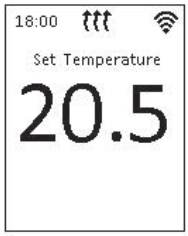
2.2.1 OFF mode

In OFF mode the device is switched off.



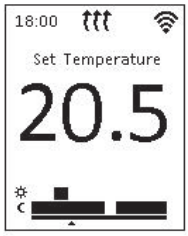
2.2.2 Manual mode

In manual mode the device is working with a fixed temperature selected by the user. The set temperature can be increased or decreased with UP or DOWN buttons.

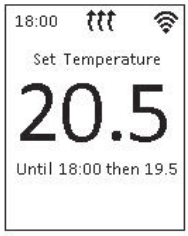


2.2.3 Auto Mode - Modified Auto Mode

In Auto mode the device follows a programming schedule. The programming schedule has four different options: antifrost, eco, comfort or off. The device can be configured both in full hours and in half hours. In following sections will be explained how to program the device.



If the user wants to modify the slot temperature of the device in auto mode, without exiting this mode, press UP or DOWN buttons and it will change to Modified auto mode. Modified auto mode allows to set a temperature different from the set temperature of the current period, which will be maintained until there is a change in the programming period.

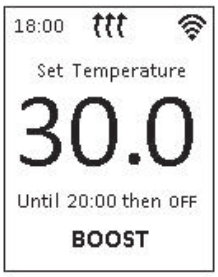


2.2.4 Boost Mode

For establishing Boost mode, the user has to pressed PROG button in any of the previous modes.

In Boost mode, the device will apply a temporary setting temperature change during a specified time.





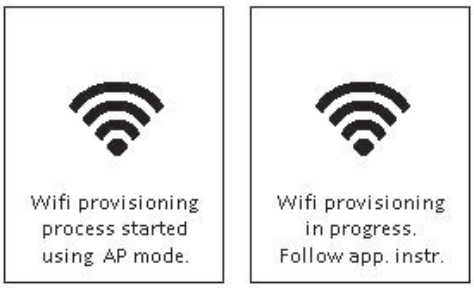
Both temperature and time are configurable.

In order to change boost temperature, press UP or DOWN buttons, the device will change to set boost temperature screen. Press OK/MODE button to confirm this temperature change and it will change to set boost time screen. Boost time is configurable from 1 to 24 hours. Press OK/MODE button to confirm both, temperature and time.
To exit Boost mode and return to the previous operating mode, simply press CONFIG button.

2.3 Device Linking

To link the device with your WiFi network, go to the App and navigate to Add Device, then click on WiFi heater.

In the device, you should press the OK/MODE button during 3s, you shall seen next screen.



Once the device is correctly connected and register the screen should change to this screen.

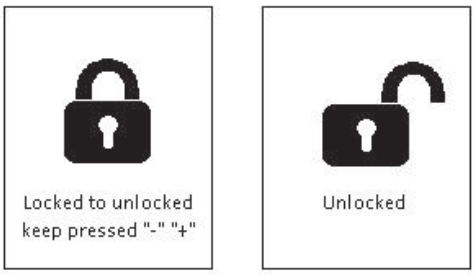


If, on the contrary, the linking process fails, the screen changes to:



2.4 Keyboard Lock

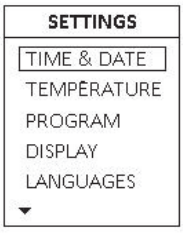
To lock the device locally press UP and DOWN buttons during 5s at the same time. Do the same to unlocked it.



2.5 Device Settings

To configure the device settings press the CONFIG button during 5s. The navigation process in the different menus is the same:

- Navigate through the menus with the UP or DOWN buttons.
- Select or confirm with the OK/MODE button.
- Go back with the CONFIG Button.

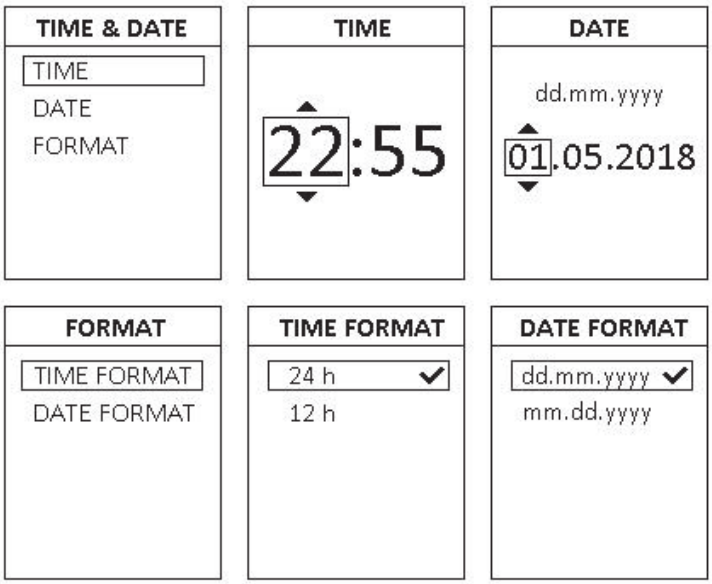


The available settings options are:

- Time and date settings.
- Temperature settings.
- Program settings.
- Display settings.
- Language settings.
- Advanced settings.
- Link settings.

2.5.1Time & Date settings

In Time&Date settings menu you can define: Time, Date, Time format (12h/24h) and Date Format (dd.mm.yyyy/mm.dd.yyyy). This menu will not be available if the device is linked.



2.5.2 Temperature settings

In temperature settings menu define Comfort, Eco and Anti-Frost temperatures. Each temperature can be defined from 5ºC to 35ºC, taking into account that Comfort > Eco > Anti-Frost. The default values are:

- Comfort temperature: 19.0ºC.
- Eco temperature: 17.0ºC.
- Antifrost temperature: 5.0ºC.



2.5.3 Program Schedule settings

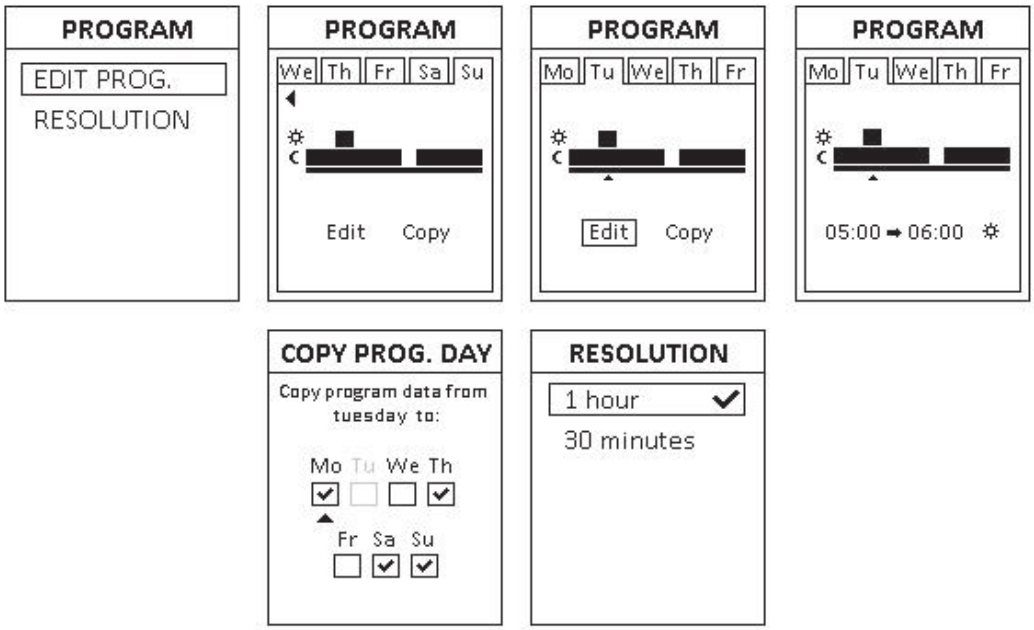
In Program setting menu the user can edit program schedule or select program resolution.
Navigation in edit program schedule view is described below:

- Select the programming day with UP or DOWN buttons and confirm with MODE button.
- Choose between Edit or Copy, to change program schedule or to copy the schedule to another day.
- If Edit option is selected, move current slot with UP or DOWN buttons, and change the temperature, between comfort, eco, antifrost or off, with OK/MODE button.

Confirm the changes with CONFIG button.

- If Copy option is selected, navigate through the days and select them pressing OK/MODE button. Confirm changes with CONFIG button.
- To change to previous option/screen press CONFIG button.

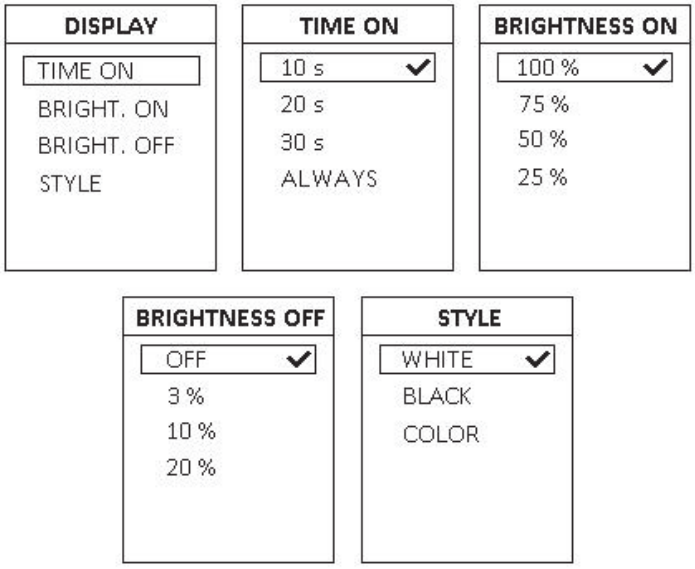
The schedule resolution menu allows to change the schedule resolution between full hours or half hours.



2.5.4 Display settings

In Display settings you can configure:

- Time On: the time that backlight is active after a button press, by default 10 seconds.
- Brightness ON: brightness level when backlight is enabled, by default is 100%.
- Brightness OFF: brightness level when backlight is disabled, by default is OFF.
- Style: can be white background (default value), black background or colour.



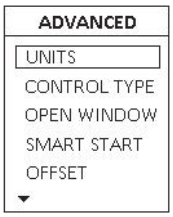
2.5.5 Language settings

This device can be configured in four different languages: English, Deutsch, Spanish or French. In Language settings menu the user can select the wanted language. The default value is English.



2.5.6Advanced Settings

The advanced settings menu allows to change some heater settings and check device state. The available options are:



- Units.
- Control type.
- Open Window.
- Smart start.
- Offset.
- Version.
- Wifi.
- Reset.

2.5.6.1 Units

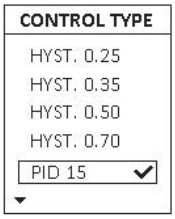
Units menu to choose between ºC and ºF. The default valu is Celsius.



2.5.6.2 Control Type

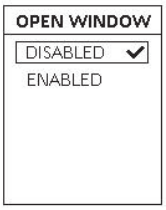
Defines the control mode for the charge. Available values are:

- Hysteresis 0.25ºC
- Hysteresis 0.35ºC
- Hysteresis 0.5ºC
- Hysteresis 0.75ºC
- PID 15 min (default)
- PID 30 min



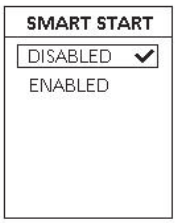
2.5.6.3 Open Window

Enable or disable the open window function. If enabled it disconnects the charge if the room temperature drops 1.2ºC or more in 10 min. It reconnects the charge if after the disconnection the room temperature increases 0.3ºC or more in 10 min or after the user press any button. The default value is Disabled.



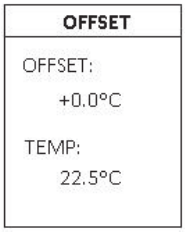
2.5.6.4 Smart start

This function may activate the charge before it is schedule to get the scheduled temperature at the scheduled time. It calculates the temperature rise slope and anticipates the schedule start time. The default value is Disabled.



2.5.6.5 Offset

In this menu you may adjust an offset temperature in the room temperature sensor. It can positive or negative. In the edit screen you can see the offset value and the corrected room temperature. The default value is 0.0ºC.



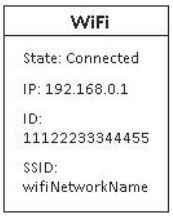
2.5.6.6 Version

Version menu displays device's firmware version.



2.5.6.7 Wifi

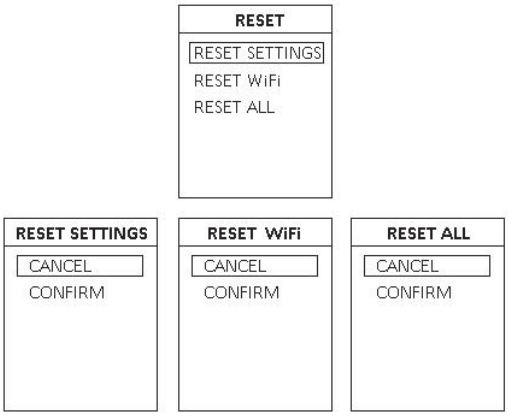
The wifi menu shows to the user link state: disconnected, connected or lost. It also displays device ID and if the device is connected: device IP and network name.



2.5.6.8 Reset

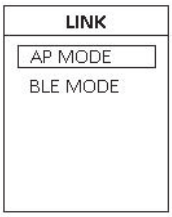
In Reset menu, there are three reset possibilities:

- Reset Settings: only reset heater settings, keeping WiFi settings.
- Reset WiFi settings: reset only WiFi settings, keeping heater settings.
- Reset All: reset the device completely.



2.5.7 Link menu

In Link menu, there is the possibility to carry out the provisioning process by selecting the way in which you want to make it: using AP mode or using BLE mode.



2.6 Device initialization

When the device is switched on there is a welcome screen with the brand logo.
In addition, if it is the first time the user initializes the equipment there is a screen to set the language.



2.7 Summary

This is a quick reference guide. More detailed information, videos and error messages can be found on the following website:

www.electric-smart-heater.com

You can also find many FAQ‘s on the above website.

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