

GENIUS Control Panel, installation and usage

General SAFIRE GENIUS control panel is designed to control SAFIRE heaters.

Installation Connect the control panel to the heater with a six-pole cable (RJ 11 connectors). The control panel has an integrated thermostat, but you can connect two additional thermostats/temperature sensors to it. Some heater models also have an integrated sensor. Connect the sensors to the control panel's connector strip so that the other wire of the sensor is connected next to the cable and the other one in either of the remaining connectors. In case you connect two additional sensors, one wire from each sensor should be attached to the connector next to the cable. Open the spring-loaded connector by pressing with a screwdriver through the hole on top of it.

Power saving mode

If the control panel is not used for a certain amount of time, the power saving mode is activated. The control panel returns to normal status when you push the BACK-button. The power saving mode timer can be found in the menu under SETTINGS.

If you are using GSM-remote, take power saving off from Genius!

Power control

The power can be adjusted either by adjusting the temperature (the heater chooses the sufficient power) or by adjusting the power directly (the heater operates on the desired power regardless of the temperature).

The menu ADJUST POWER displays the power range: 0 % = minimum power, 100 % = maximum power.

When you use the ventilating mode, the power must be adjusted directly, not by adjusting the temperature.

Usage Browse the control panel menu with arrow keys, select with OK-key and return with BACK-key. The selected feature is either marked with a diamond or underlined.

GENIUS control panel for SAFIRE heaters

1. Menu.....	1
1.1. Heater control.....	1
1.1.1. Start.....	1
1.1.2. Ventilate (marine heaters).....	1
1.1.3. Drying ventilate (marine heaters).....	2
1.1.4. Turn off.....	2
1.1.5. Sun watcher.....	2
1.2. Timer.....	2
1.3. Settings.....	2
1.3.1. Time and date.....	2
1.3.2. Language.....	2
1.3.3. Fuel counter.....	2
1.3.4. Backlight.....	2
1.3.5. Power saving.....	2
1.3.6. Thermost. descript.....	2
1.4. Thermostat display.....	2

1. Menu

1.1. Heater control

Control panel must be connected to the circuit board.

1.1.1. Start

Displays the amount of fuel in the fuel tank and the estimated operating time (if set in Settings).

1.1.1.1. Adjust power

If your heater and/or control panel has a thermostat, ADJUST POWER –item opens a menu with different options. Without a thermostat this item opens the power adjusting display.

1.1.1.2. Adjust temperature

The temperature range is 15–30 degrees Celsius.

1.1.1.3. Adjust power (directly)

The power range is 0–100 % (0 % = minimum power). The power can be adjusted directly even if you have a thermostat.

1.1.1.4. Choose thermost.

The control panel has one integrated thermostat, but extra thermostats can be added. Also the heater may have an integrated thermostat. The chosen thermostat blinks on the display.

1.1.2. Ventilate (marine heaters)

Only the heater’s main warm air blower operates. Adjust the ventilation through the item ADJUST POWER. The power is adjustable only when the heater is on ventilation-mode.

GENIUS control panel for SAFIRE heaters

1.1.3. Drying ventilate (marine heaters)

The ventilation operates on maximum power regardless of the heating power. Activate the drying ventilation mode when the heater operates normally. When you wish to turn off the drying ventilate mode, choose START, VENTILATION or TURN OFF.

1.1.4. Turn off

1.1.5. Sun watcher

Set the desired temperature with the thermostat. If the temperature rises over 3 degrees Celsius above the set limit and stays there for 10 minutes, the heater turns off.

1.2. Timer

Before you can use the timer, set the time and date from SETTINGS. If you don't set a turn off-time, the heater doesn't turn off until you choose TURN OFF. You can set four different timing.

1.3. Settings

1.3.1. Time and date

1.3.2. Language

1.3.2.1. suomi

1.3.2.2. English

1.3.3. Fuel counter

Set the amount of fuel f. ex. when you fill up the tank. The maximum capacity of the tank is 255 litres.

1.3.4. Backlight

1.3.4.1. On when active

1.3.4.2. Always on

1.3.4.3. Always off

1.3.5. Power saving

If desired, the power saving mode is activated after a set time (1–30 minutes). The control panel returns to normal status when you push the BACK-button.

1.3.6. Thermost. descript

You can choose a menu text for the thermostats (temperature sensors).

1.3.6.1. (Self-defined text) Write the text in the menu one letter at a time.

1.3.6.2. Inside

1.3.6.3. Outside

1.3.6.4. Sea water

1.3.6.5. Front cabin

1.3.6.6. Rear cabin

1.3.6.7. (Set to default)

1.4. Thermostat display

Displays all the thermostat/sensor readings.