

Sunstone Touchscreen Thermostat (SS-TOUCHSTAT)

Easy Programming Guide

Setting the Time & Day

Step 1	Press and hold the 🕒 icon for 5 seconds and the minutes will flash on the display.
Step 2	Set the minutes by pressing the \triangle or \bigtriangledown arrow until the correct minute has been achieved. Hold the arrow down to set the hour faster.
Step 3	Once you have selected the correct minute press Dicon again and the hour will flash.
Step 4	Set the hour by pressing the \triangle or \bigtriangledown arrow until the correct hour has been achieved. Hold the arrow down to set the hours faster.
Step 5	Once you have selected the correct hour press @again and the day of the week will now flash. The days of the week are represented as numbers 1-7, 1-5 being Monday to Friday and 6-7 being Saturday and Sunday.
Step 6	Set the day of the week by pressing the $ riangle$ or $ abla$ arrow.
Step 7	Once you have selected the correct day of the week press 🕲 to finish.

Setting into a Permanent Manual Mode

(Indicates Permanent Manual Mode) 🕕

Setting the controller into a Permanent Manual Mode will allow you to set a target temperature you want the floor to achieve. Once the target temperature has been achieved it will maintain this temperature until you either switch it off using the (b) icon or alter your target temperature.

Step 1	To set the controller into a Permanent Manual Mode press the 💭 icon. A hand symbol	
	will appear to indicate it is set into a manual mode.	
Step 2	Set the target temperature by pressing the \triangle or ∇ arrow until you reach your target temperature. The symbol indicates that the thermostat is sending power to the heater.	
Neto	If you would like to guit Permanent Manual mode and return to a programmed eshedule (

Note: If you would like to exit Permanent Manual mode and return to a programmed schedule press the micon until the icon appears on the screen.



Setting into a Temporary Manual Mode

(Indicates Temporary Manual Mode) 🖑 🕒

Setting the controller into a Temporary Manual Mode will allow you to set a target temperature you want the floor to achieve. Once the target temperature has been achieved it will maintain this temperature until your next programmed period.

- **Step 1** When the controller is in a programmed mode \bigcirc press the \triangle or \bigtriangledown arrow to set your target temperature. The symbols $\bigcirc \bigcirc$ will appear to indicate that it is set into a Temporary Manual Mode. The W symbol indicates that the thermostat is sending power to the heater.
- **Note:** If you would like to exit Temporary Manual Mode and return to a programmed schedule press the \bigcap icon until \bigcirc icon only appears on the screen.

How to set a program

(Indicates Programmed Mode) 🕒

The thermostat is set so that you can program 5 weekdays as a block and Saturday and Sunday as a block. There are 6 programmed periods per day which must be set for the 5 weekdays and 2 programmed periods for the Satuday and Sunday block. This can be changed in the advanced settings. See page 3 for information on how to access the advanced settings

Step 1	To set a program press and hold the CC icon until the 1 2 3 4 5 Block and 🔆 appears.
Step 2	Press the \triangle or \bigtriangledown arrow to set the time for the FIRST PERIOD of the day 3 . For example this would be the time you would like the heating on first thing in the morning. Hold the arrows down to set the time faster.
Step 3	Press the \square icon again to set the target temperature. An adequate temperature would be anywhere between 24-28°C. Use the \triangle or ∇ arrow to set the temperature.
Step 4	Press the \square icon again to move onto the SECOND PERIOD \square . This would be when you would want to turn off your heating in the morning. Press the \triangle or \bigtriangledown arrow to set the time you want the heating to switch off. Hold the arrows down to set the time faster.
Step 5	Press the \bigcap icon again to set the setback temperature. Anything below 16°C and the underfloor heating will not come on. Use the \triangle or ∇ arrow to set the temperature.
Step 6	Press the \square icon again to move onto the THIRD PERIOD \square . This would be when you would want to turn on your heating on in the afternoon. Press the \triangle or \bigtriangledown arrow to set the time you want the heating to switch on. Hold the arrows down to set the time faster.
Step 7	Press the \square icon again to set the target temperature. An adequate temperature would be anywhere between 24-28°C. Use the \triangle or \bigtriangledown arrow to set the temperature.



Step 8	Press the \bigcap icon again to move onto the FOURTH PERIOD \bigcirc . This would be when you would want to turn off your heating in the afternoon. Press the \triangle or \bigtriangledown arrow to set the time you want the heating to switch off. Hold arrows down to set the time faster.
Step 9	Press the \bigcap icon again to set the setback temperature. Anything below 16°C and the underfloor heating will not come on. Use the \triangle or ∇ arrow to set the temperature.
Step 10	Press the \square icon again to move onto the FIFTH PERIOD \square . This would be when you would want to turn on your heating on in the evening. Press the \triangle or ∇ arrow to set the time you want the heating to switch on. Hold arrow downs to set the time faster.
Step 11	Press the \bigoplus icon again to set the target temperature. An adequate temperature would be anywhere between 24-28°C. Use the \triangle or \bigtriangledown arrow to set the temperature.
Step 12	Press the \bigcap icon again to move onto the SIXTH PERIOD \langle . This is the final period. This would be when you would want to turn off your heating at night. Press the \triangle or \bigtriangledown arrow to set the time you want the heating to switch off. Hold arrows down to set the time faster.
Step 13	Press the \square icon again to set the setback temperature. Anything below 16°C and the underfloor heating will not come on. Use the \triangle or \bigtriangledown arrow to set the temperature.
Step 14	Saturday & Sunday (6 & 7) block will have to be programmed separately. There are just 2 programmed periods to set here. For example ON & OFF in the morning. Repeat steps 3-6 above. To exit programming press the (1) icon.

Advanced Settings

To access the advanced settings firstly turn the controller off by pressing the \bigcirc icon. Now **PRESS** & **HOLD** the \bigcirc icon then press with the \bigcirc icon. 1Adj indicates you are in the advanced settings. To cycle through the settings use the \bigcirc icon and use the \bigcirc or \bigtriangledown arrow to make any changes.

Advanced Settings	Description
1 ADJ	Allows you to offset the current measured temperature by $+/-9^{\circ}C$
2 SEN	Allows you to switch from built in sensor (IN), to floor sensor (OUT), to using both which makes the floor sensor the limit sensor (ALL)
3 LIT	This option will let you set the minimum/maximum temperature you would like to set the floor sensor to (20-60°C).
4 DIF	Adjusts the switching differential setting range 0.5-10°C
5 LTP	Switches the frost setting function ON/OFF
6 PRG	Allows you to switch the programming mode to 5/2, 6/1 or 7 day mode
7 RLE	DO NOT ADJUST
8 DLY	DO NOT ADJUST
9 HIT	Adjusts maximum temperature setting from 35-90°C
AFAC	Resets to factory settings. Hold the \triangle icon for 5 seconds until "" appears

If "ERR" appears on the screen go back into the advanced settings and stop at the 2SEN and change the setting to "IN" which is the floor sensor. Switch the controller OFF & ON again.

