













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  or  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  icon again and the hour will flash.
- Step 4** Set the hour by pressing the  or  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  or  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  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  or  arrow until you reach your target temperature. The  symbol indicates that the thermostat is sending power to the heater.



Note: If you would like to exit Permanent Manual mode and return to a programmed schedule  press the  icon 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  press the \triangle or ∇ arrow to set your target temperature. The symbols   will appear to indicate that it is set into a Temporary Manual Mode. The  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  icon until  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 Saturday 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  icon until the 1 2 3 4 5 Block and  appears.


Step 2 Press the \triangle or ∇ arrow to set the time for the **FIRST PERIOD** of the day . 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  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  icon again to move onto the **SECOND PERIOD** . This would be when you would want to turn off your heating in the morning. Press the \triangle or ∇ 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  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  icon again to move onto the **THIRD PERIOD** . This would be when you would want to turn on your heating on in the afternoon. Press the \triangle or ∇ 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  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 8** Press the  icon again to move onto the **FOURTH PERIOD** . This would be when you would want to turn off your heating in the afternoon. Press the Δ or ∇ arrow to set the time you want the heating to switch off. Hold arrows down to set the time faster.
- Step 9** Press the  icon again to set the setback temperature. Anything below 16°C and the underfloor heating will not come on. Use the Δ or ∇ arrow to set the temperature.
- Step 10** Press the  icon again to move onto the **FIFTH PERIOD** . This would be when you would want to turn on your heating on in the evening. Press the Δ 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  icon again to set the target temperature. An adequate temperature would be anywhere between 24-28°C. Use the Δ or ∇ arrow to set the temperature.
- Step 12** Press the  icon again to move onto the **SIXTH PERIOD** . This is the final period. This would be when you would want to turn off your heating at night. Press the Δ or ∇ arrow to set the time you want the heating to switch off. Hold arrows down to set the time faster.
- Step 13** Press the  icon again to set the setback temperature. Anything below 16°C and the underfloor heating will not come on. Use the Δ or ∇ 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  icon.

Advanced Settings

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

Advanced Settings	Description
1 ADJ	Allows you to offset the current measured temperature by +/- 9°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 Δ 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.