

AT-S54 Smart Timerstat



- ① week ② time ③ heating ④ leave mode
- ⑤ room temperature ⑥ hold mode ⑦ floor temperature
- ⑧ power key ⑨ retention time ⑩ mode switch
- ⑪ down key ⑫ temperature setting ⑬ up key
- ⑭ lock key ⑮ WiFi icon ⑯ anti-frozen icon

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User Operation

Settings Menu 1: On main screen, swipe left or right to bring up the settings menu 1/4.

Set the Time and Date: Press the clock icon to enter the time and date settings. Swipe up or down to adjust the year, month, day, hour and minutes. Press the save button when finished.

Backlight: Press the backlight icon to adjust screen brightness. Swipe left or right to adjust. Press the save button when finished.

Room Temperature Limit: To adjust the room temperature limit press the temperature limit icon (with underfloor heating this should not need to be altered as the temperature probe measures the floor temperature and not the air temperature)

Floor Temperature Limit: To adjust the floor temperature limit press the floor temperature limit icon. Swipe up or down to set the desired limit (we recommend a maximum temperature of 35°C).

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Rest Day: Press the weekend icon to set the day you require, pick from 1-7 (Monday-Sunday), press the "coffee mug icon" to display the rest day or days, press the save button when finished. The heating will now follow weekend program - see page 4.

Programming: Press the program icon to enter the program settings. To set your weekdays, press the weekday icon. There are 6 time span periods to set for each day. The default settings are as follows:-

Time Span 1	06:00	20°C	<i>You can press the screen up or down arrows at any time to temporarily override your temperature setting as required. Any override will revert to program setting at end of the time span period.</i>
Time Span 2	08:00	15°C	
Time Span 3	11:30	15°C	
Time Span 4	12:30	15°C	
Time Span 5	17:00	22°C	
Time Span 6	22:00	15°C	

To set your first time period (to turn heating on), press time span 1. Set the start time by swiping up or down, and do the same to set your desired temperature (for example 27°C). Once completed, press time span 2. Set the time and temperature as before (for example 15°C to turn your heating off). Repeat for timespans 3 to 6 and press the save button when finished.

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To set the weekend program (your chosen rest day(s), the default is as follows:-

Start	08:00	22°C
End	23:00	15°C

Press 'Start', (to turn heating on), set the time and temperature by swiping up or down. Once completed, press the 'End' button (to turn your heating off) and set the time and temperature as required. If you would like to turn off the heating at any point during this time period (for example leaving the house), simply press the away icon on the main screen which will activate your leave temperature. Please ensure that you remove this away function on your return home.

Anti-Frozen: N/A for electric underfloor heating.

Sensor Selection: Press the sensor selection icon, select either the built-in sensor, floor sensor or built in & floor sensor (floor sensor should be selected for underfloor heating).

Standby: N/A for underfloor heating.

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Hold: Press the maintain icon, swipe up or down to select the hold temperature and time duration. Press the save button, then activate hold from main screen.

Holiday: Press the vacation icon, swipe up or down to select the start date and end date of desired holiday. Press the save button when finished. (Alternatively, just turn the thermostat off when you go on holiday, and turn it back on when you return).

Settings Menu 3: On main screen, swipe left or right to bring up the settings menu 3/4.

Restore Factory Settings: Press the icon, click reset to restore factory settings.

Network Connection: N/A.

Temperature Format: Press the icon, select '°C' or '°F'. Adjust **Temperature Compensate:** (default is zero) if the screen temperature varies from the floor temperature due to installation issues (+ or - 9°C).

Language: To select your desired language, press the language icon. Press the save button when finished.

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Temperature Difference: Press the switch diff icon to adjust temperature difference. Swipe up or down to adjust the temperature (recommended set to 1°C as default). (Switches on 1°C below set temperature and switches off 1°C above set temperature). Press the save button when finished.

System Information: Enter to view the model, software and hardware version.

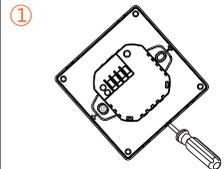
Settings Menu 4: On main screen, swipe left or right to bring up the settings menu 4/4.

Child Lock: Press the child lock icon, then press the padlock to lock the timerstat' it will close and turn grey, then press save. To remove the child lock feature, return to the child lock icon and press the closed grey padlock to unlock the timerstat, it will open and turn white, then press save. *When the child lock is active, you can press the power button that will open the lock temporarily to adjust settings as required - it will re-lock after 15 seconds.*

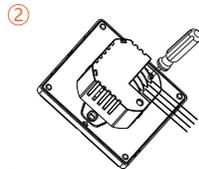
Operating Mode: Press the work mode selection icon then press either 'manual' or 'programming' mode. ('Programming' recommended). In manual mode set your desired temperature and use the on/off button to switch your heating on or off.

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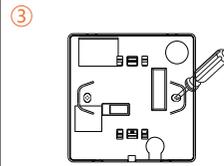
Mounting steps



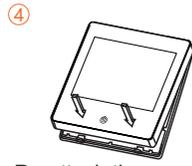
① Gently separate the front from the back



② Follow the wiring diagram to connect the Timerstat.



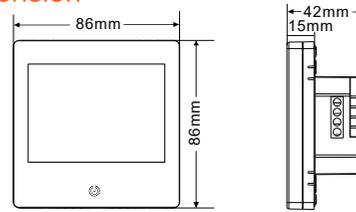
③ Fix the back section into a 35mm deep back-box.



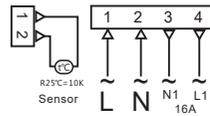
④ Re-attach the screen section and test out.

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Dimension



Wiring diagram



Connect Earth at rear of timerstat with connector block.

220/240v AC. Must be connected by qualified Electrician. Circuit must be RCD protected via a suitably fused switch fused spur.

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