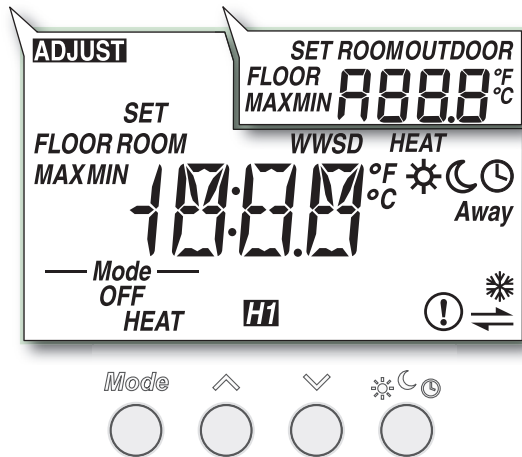


This thermostat operates your heating system.

1. Display

MAIN DISPLAY

SECONDARY DISPLAY

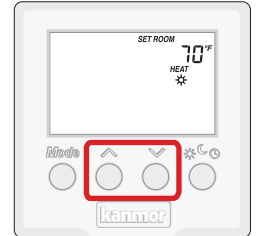


2. Symbols

	Heat Heat is turned on.
	Sun Operating at the occupied (day) temperature.
	Moon Operating at the unoccupied (night) temperature.
	Clock Operating on a programmable schedule.
Away	Away Operating at the Away scene temperature.
WWS D	Warm Weather Shut Down The heating system has been shut off for the summer.
	tN4 Communication Communication is present.
	Warning Signal Indicates an error is present.
	Cooling Group Member Heating is turned off to allow cooling.

3. Change the Current Temperature

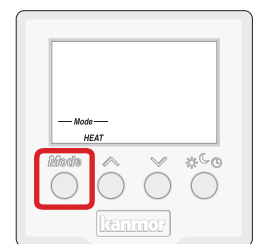
- Press the or the to select the room or floor temperature.
- This thermostat can operate in three different ways based on how it was installed:



- Room Heating - Built-in air sensor controls room temperature. Floor sensor is not used.
 - Floor Warming - Floor sensor controls floor temperature. Built-in air sensor is not used.
 - Room Heating and Floor Warming: Built-in air sensor controls room temperature. Floor sensor limits floor minimum and maximum temperature and can override the room temperature.
- Flashing **Away** indicates that the temperature cannot be changed. This is due to a scene having been set. See Section 9 "Scenes" for details. Use a User Switch to return to or .
 - Flashing **WWS D** (warm weather shut down) indicates that the heating system has been shut off for the summer.

4. Change between Heat or Off

- The Mode button selects between Heat or Off.
- Off Mode turns off room heating and floor warming.
- Off Mode allows heating for freeze protection.



5. Programmable Schedule

- The 538e can operate on a programmable schedule if a tN4 schedule is available.
- Program the schedule device with the current time and schedule.
- The 538e automatically changes between the ***** and **☾** temperature based upon the schedule device's program.
- When operating on a programmable schedule, a **🕒** symbol is shown, as well as a ***** or a **☾**. The ***** or **☾** indicates the current operating temperature.
- Press the Local Override (***☾🕒**) button to select the **🕒** to operate on a programmable schedule.
- If a **🕒** symbol does not appear, there is no schedule available.

Display	Action
*	Manual override at occupied temperature.
☾	Manual override at unoccupied temperature.
*🕒	Programmable schedule at occupied temperature.
☾🕒	Programmable schedule at unoccupied temperature.

6. Local Override

- The Local Override (***☾🕒**) button can be used to override any schedule. Press and release the ***☾🕒** button to toggle between *****, **☾**, and **🕒** (if available).
- The thermostat remains at the selected ***** or **☾** override temperature until manually changed back to the schedule.



- To change the ***** temperature, press the ***☾🕒** button until ***** is displayed. Then press the **^** or **v** button.
- To change the **☾** temperature, press the ***☾🕒** button until **☾** is displayed. Then press the **^** or **v** button.

7. °F or °C

- Press and hold down the **^** and **v** buttons together.
- Release the buttons once °F or °C is displayed.
- Press the **^** button for °C, press the **v** button for °F.
- Wait for display to return to normal operation.

8. Outdoor Temperature

- The outdoor temperature is shown on the display when the thermostat is connected to a system that includes an outdoor air sensor or an outdoor air sensor is connected to the 538e.

9. Scenes *****, **☾**, **Away**

- Scenes are system wide manual overrides.
- Scenes are activated by an optional User Switch.
- When using scenes, there are three temperature settings: *****, **☾**, **Away**. The scene takes precedence over any local overrides or any programmable schedules.
- When the User Switch button is pressed all thermostats may change to either the *****, **☾**, or **Away** temperature.
- **Away** is used for long absences from the building such as a vacation.
- While in the **Away** scene, the room temperature cannot be changed using the **^** or **v** buttons. Use the User Switch to change the scene from **Away** to ***** or **☾** to change the temperature.

Scene	Display
1	* or *🕒 or ☾ or ☾🕒
2	Away
3	☾

10. Cooling Group

- A cooling group prevents heating and cooling from happening at the same time.
- The thermostat shuts off room heating when cooling is on. Floor warming continues to operate.
- Flashing ***** indicates that cooling is on and changing the heating temperature will not start the heating system.
- Heating can be turned back on by turning off cooling on the cooling thermostat.

11. Backlight

- The Backlight turns on for 30 seconds once a button is pressed.

12. Error Messages **!**

- Contact your installer or read the Data Brochure D538e for more information.
- D538e PDF available at www.kanmor.com.

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