

Honeywell

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Home



T6R-HW SMART THERMOSTAT

User Guide



Online Guides



http://hwll.co/T6_pdfs

T6R-HW Smart Thermostat Features

- Connects to the Internet so you can control your heating and stored hot water system from anywhere with the Honeywell Home App.
- Remotely view and change your heating and stored hot water system settings.
- Diverse programming options that fit any lifestyle:
 - Time Scheduling – program schedule supports daily or 5-2 with up to 6 heating and 3 hot water on periods per day.
 - Geofencing – use a smartphone’s location to manage comfort when home or away
 - Smart Scheduling – use a combination of geofencing and time scheduling to fit a busy lifestyle
- Group scheduling for multiple devices and locations (set-up and manage via the Honeywell Home App).
- Receive alerts (such as boiler failure) from the Thermostat, App, and email.
- Get automatic upgrades.
- The free Honeywell Home App is available for Apple® iPhone® and iPad® devices at iTunes® or at Google Play® for all Android™ devices.



Honeywell Home

Need help?

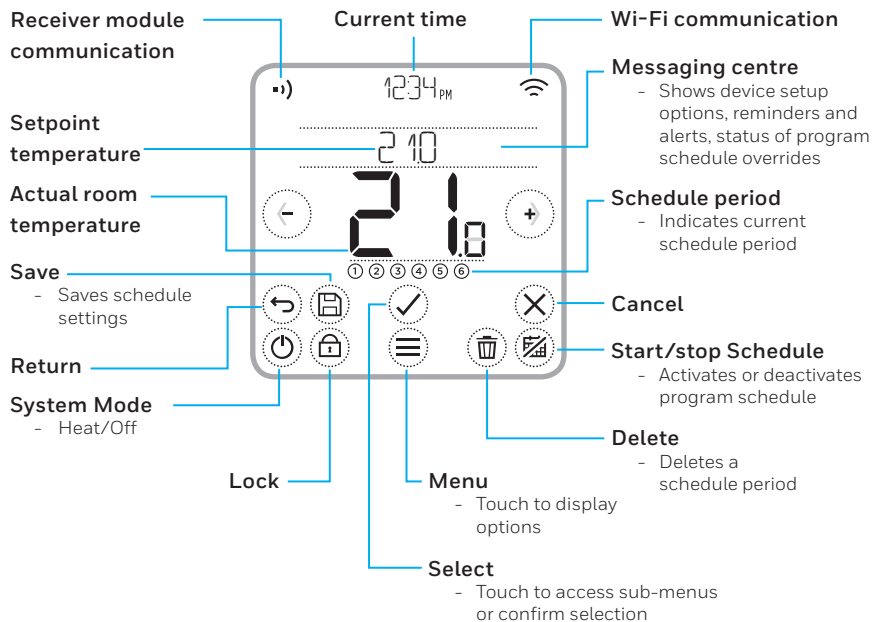
If you need more information, or for help with your T6R-HW Smart Thermostat go to:

getconnected.honeywell.com

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Quick reference to the display



Note: To save power, the screen will dim and enter idle mode 45 seconds after the last button touch. The screen will light up when you touch any button.

Quick reference to the icons

- Geofencing active
- Geofencing home active
- Geofencing away active
- Geofencing sleep active
- Failure/Alarm
- Optimisation active
- Schedule disabled
- Schedule enabled
- Temporary Hold active
- Heating demand active
- Hot Water Enabled
- Receiver module communication
- Communication failure
- Wi-Fi communication
- Wi-Fi failure

Navigating the menu

- (MENU): Touch to access all menu items and configurable options.
- and (ARROWS): Touch to navigate the menu, sub-menus and options.
- and (PLUS/MINUS): Touch to change settings (temperature, date)
- (RETURN): Touch to go back to previous menu.
- (SELECT/CONFIRM): Touch to confirm selection, or access a sub-menu.

Note: In addition to touching (SELECT), a sub-menu can be accessed by touching the text in the message area (for example, SCHEDULE).

Main menu

The main menu lets you customise how the T6R-HW Smart Thermostat displays information or responds to certain situations. The menus are:

HEATING

SCHEDULE

- View or edit the schedule
- Select type of schedule to run
- Reset the schedule to factory default settings

OPTIMISE

Configure optimisation settings (start/stop/delay)

HOT WATER

SCHEDULE

- View or edit the schedule
- Add period
- Select type of schedule to run
- Reset the schedule to factory default settings

BOOST

Turns on hot water for 30, 60 or 90 minutes

ALWAYS ON/OFF

Turn hot water always on or off or resume schedule functionality.

SETTINGS

LANGUAGE

Change the language

WI-FI

Setup or change Wi-Fi settings

IDLE BRIGHTNESS

Set the backlight brightness for the idle screen

TEMPERATURE OFFSET

Offsets the measured temperature

CLOCK

Set time and date

HOMEKIT RESET

Resets HomeKit data to allow for new HomeKit pairing

CLEAN SCREEN

Disables screen for 30 seconds in order to clean it

LOCK

Restricts access to thermostat interface

DEVICE INFO

View device information like model, MAC code, etc.

Connecting to a Wi-Fi® network

Before continuing you should:

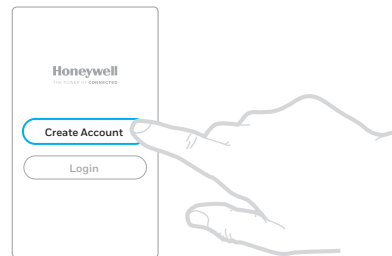
- Ensure your Wi-Fi is secure and set to 2.4GHz.
- Have a note of your home Wi-Fi network name and password.
- Switch on your smartphone or tablet Wi-Fi.


To connect your thermostat to your Wi-Fi network and register:

- 1 Download and install the Honeywell Home App from the Google Play or Apple App Store.
- 2 Open the Honeywell Home App, press "**Create Account**" and follow the App instructions.



Honeywell Home



Once connected to your Wi-Fi network and Honeywell Home App, the Thermostat will briefly display **SUCCESS** and the connected symbol  will be displayed in the upper right corner. The Thermostat will also set the time and date automatically once connected to the internet.


Disconnect or reconnect to a Wi-Fi network

To disconnect the Thermostat from your Wi-Fi network (i.e. you are replacing your router) go to the Wi-Fi menu and switch Wi-Fi off.

To reconnect to another Wi-Fi network, follow the instructions described in the Home App under the menu 'Thermostat Configuration'.

Setting the system mode

Your Thermostat can switch heating equipment on or off, to effectively manage your comfort depending on the indoor condition and your preferred temperature.

- When the  button is touched, the Thermostat toggles the system Heating or Off.
- The available modes are:
 - **Heating On:** Controls the heating system to achieve desired temperature.
 - **Off**



Turn the heating schedule On/Off

Your Thermostat is a programmable thermostat with a schedule, but the schedule can also be turned off.

- Touch  to deactivate or activate the Heating schedule.

Schedule options

Your T6R-HW Smart Thermostat has three schedule types:

- **Daily** (7-day): Individual program for each day of the week.
- **Week + Weekend**: Individual program for weekdays and weekend.
- **Geofence**: Location based temperature control.
Can only be enabled and configured using the Honeywell Home App.

Preset energy-saving heating schedule

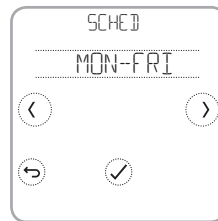
Your T6R-HW Smart Thermostat comes with the following default schedule. To change these settings go to 'Adjusting the heating schedule' below.

Period	Mon-Fri		Sat + Sun	
	Time	Temperature	Time	Temperature
1	6:30 - 8:00	19 °C	8:00 - 10:00	19 °C
2	8:00 - 18:00	16 °C	10:00 - 17:00	16 °C
5	18:00 - 22:30	21 °C	17:00 - 23:00	21 °C
6	22:30 - 6:30	16 °C	23:00 - 8:00	16 °C

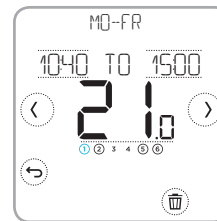
For more scheduling options, go to your Honeywell Home App.

Adjusting the heating schedule

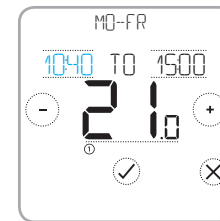
1. Use  and  to go to HEATING and then to SCHEDULE





2. Select the day(s) to be adjusted.



3. Select the time period to be adjusted. The selected period flashes.

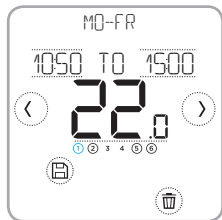


4. Touch the time that needs to be changed. Touch  or  to change it. Repeat with other time.

Adjusting the heating schedule (continued)



5. Touch the period's temperature to change it. It will start flashing. Touch \oplus or \ominus to adjust the temperature and \checkmark to confirm the changes.



6. When you have finished adjusting the heating schedule, touch Ⓜ to save the changes.

Delete a period

Touch Ⓜ to delete the selected period. The screen will read DELETE.

Touch \checkmark to confirm or \times to cancel without deleting.

Touch Ⓜ to save the schedule changes.

Preset hot water schedule

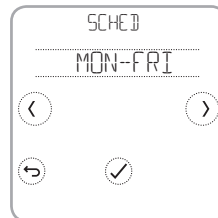
Your T6R-HW Smart Thermostat comes with the following default schedule. To change these settings go to 'Adjusting the hot water schedule' below.

Period	Mon-Fri		Sat + Sun	
	Time	Set	Time	Set
1	06:30 - 07:30	ON	07:30 - 10:30	ON
2	17:00 - 22:30	ON	16:30 - 23:00	ON

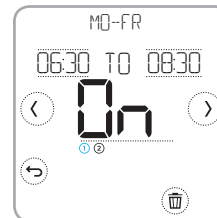
For more scheduling options, go to your Honeywell Home App.

Adjusting the hot water schedule

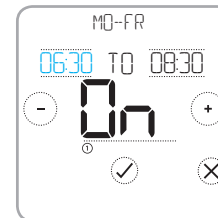
1. Use ☰ and ⏪ to go to HOT WATER and then to SEE / EDIT SCHEDULE



2. Select the day(s) to be adjusted.



3. Select the time period to be adjusted. The selected period flashes.

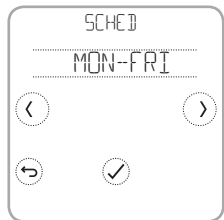


4. Touch the time that needs to be changed. Touch \oplus or \ominus to change it. Repeat with other time.

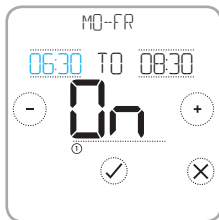
5. When you have finished adjusting the hot water schedule, touch \checkmark to save the changes.

Adding a new hot water period

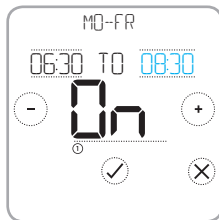
1. Use and to go to HOT WATER and then to ADD PERIOD



2. Select the day(s) where you would like to add the new period to.



3. Touch the START time to enter the time where you want the water to start being heated. Touch or to change it.



4. Touch the END time to enter the time where you want the water to stop being heated. Touch or to change it.

5. When you have finished adjusting the schedule, touch to insert the new period.

Overriding the heating schedule

You can override the programmed Heating schedule in two different ways:

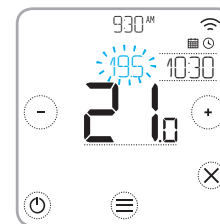
1. **Temporary override** "Hold Until"
2. **Permanent override** "Permanent Hold"

Hold Until

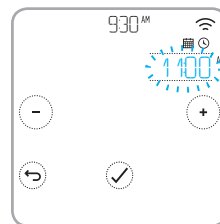
- The schedule will resume when the Hold Until time expires.
- Touch to cancel the Hold Until and resume the regular schedule.



1. Touch or to adjust temperature.



2. During temperature adjustment, the Until time appears.



3. Touch the time to changes it and use or to adjust.







4. indicates Hold Until is active.

Overriding the heating schedule (continued)

Permanent Hold



1. Touch  to deactivate the schedule and activate a permanent hold.
2. Touch  or  to adjust temperature.
3. Touch  to cancel the Permanent Hold and resume the regular schedule.






Overriding the hot water schedule

You can override the programmed hot water schedule in two different ways:

1. **Boost - Turn the hot water On (during an Off period) for 30, 60 or 90 min.**
2. **Always On or Off - Manually set the hot water to be always On or Off.**






Boost (for 30, 60 or 90 min)



1. Use  and  to go to HOT WATER and then to BOOST
2. Touch  or  to adjust the time (30, 60 or 90 minutes).
3. Touch  to activate the "Boost".

Always On or Off







1. Use  and  to go to HOT WATER and then to ALWAYS ON / OFF
2. Touch  or  to select always On or Off.
3. Touch  to confirm the selection.

Geofencing


Your new T6R-HW Smart Thermostat supports location-based scheduling which can intelligently override the time-based schedule. If your schedule varies or you regularly depart and return at different times, the Thermostat can automatically adjust to your life. No rigid scheduling. No learning period. Just comfort when you're home and savings when you're away.

When you enable the geofence schedule in the Honeywell Home App, it intelligently controls your heating based on whether you are home or away.

- Active geofence schedule is indicated by  in the top left corner of the screen. Home/Away/Sleep status is indicated by ,  or .
- To learn more about configuring the geofence schedule, see 'Create New Schedule' menu in your Honeywell Home App.
- To learn more about how smart geofencing can work for you and how it fits to your busy lifestyle, go to getconnected.honeywell.com

Setting the holiday mode


This feature helps you save energy while you are away for longer periods, and restores comfortable settings just before you return home.

- To activate your holiday period, in your Honeywell Home App go to Menu/Setting/Holiday
- **HOLIDAY** is indicated on the Thermostat.
- You can cancel Holiday Mode either on the Thermostat or in the Honeywell Home App.
Touch  on your Thermostat home screen to resume the regular program schedule.
- When your Thermostat is also controlling the Hot Water you can choose to switch off Hot water during Holiday.

Heating optimisation functions

Your T6R-HW Smart Thermostat has several heating optimisation functions. These functions aim to save energy while making you as comfortable as possible.

Configure these options via the **OPTIMISE** menu on your Thermostat.

- **Optimum Start**
Over time, the Thermostat learns how long it takes your system to reach the temperature you want. It turns on the heating system earlier to make sure you're comfortable at the time you expect. The Thermostat displays  when it turns the system on early.
- **Optimum Stop**
Saves energy and money by switching off a little bit earlier than the normal programmed time. If your home is up to temperature, you will not notice the effect on the temperature, but you will see a difference in your fuel bill.
- **Delayed Start**
Saves energy by slightly delaying the start of heating depending on the difference between the programmed temperature and the actual room temperature.

Locking the interface


Your T6R-HW Smart Thermostat has a lock function, which can restrict access to the Thermostat interface in two levels:

- **PARTIAL:** Allows changing the setpoint temperature only
- **FULL:** Restricts all access to the Thermostat interface

When the function is activated a PIN is given to unlock the thermostat - take note of the PIN.

Troubleshooting

If you have difficulty with your T6R-HW Smart Thermostat, try these suggestions. Most problems can be corrected quickly and easily.


Screen is blank	<ul style="list-style-type: none"> • Make sure power is switched on. • Check circuit breaker and reset if necessary.
Heating system does not respond	<ul style="list-style-type: none"> • Touch  to set system to Heat. Make sure the set temperature is higher than the actual temperature. • Check the circuit breaker and reset if necessary. • Check the heating system is powered on. • Check the Receiver Box is working.

List of alerts: 

Touch  to dismiss the alert.  To snooze the alert for 7 days

WIFI RADIO ERROR	The Wi-Fi radio of your Thermostat is faulty, contact your installer.
INTERNAL MEMORY ERROR	The internal memory of your Thermostat is faulty, contact your installer.
THERMOSTAT TEMPERATURE SENSOR ERROR	The temperature sensor of your Thermostat is faulty, contact your installer.
REGISTER ONLINE	Please download the App, create an account and register your Thermostat.
NO INTERNET	The internet connection has been lost, please check your internet connection or Wi-Fi router.

Troubleshooting

List of alerts (continued): 

NO WIFI SIGNAL	The Wi-Fi signal has been lost, please check your Wi-Fi router.
WIFI NOT CONFIGURED	Please download the App, create an account and add your Thermostat. See also page 7.
NO RECEIVER BOX BINDING	There is no Receiver box binding data stored, contact your installer.
NO COMMUNICATION RECEIVER BOX	There is no communication with the Receiver box, move Thermostat closer or contact your installer.
RF SIGNAL OF RECEIVER BOX LOW	There is a weak radio signal from the Receiver box, move Thermostat closer or contact your installer.
BOILER FAULT XX	The boiler reported a failure number XX, contact your installer.
BOILER HAS LOW WATER PRESSURE	The boiler reported low water pressure, top up the system or contact your installer.

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Thermostat

**T6
SMART THERMOSTAT**



**T6R
SMART THERMOSTAT
(WIRELESS)**



Security

**C1 WI-FI
SECURITY CAMERA**



**C2 WI-FI
SECURITY CAMERA**



Leak detector

**W1 WI-FI
WATER LEAK AND
FREEZE DETECTOR**



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