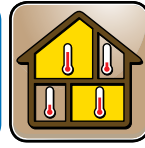


User Manual

WiFi Thermostat 561



Zoning

561_U

10/16

Replaces: New

Introduction

The WiFi Thermostat 561 provides precise temperature control of a one-stage heating system. When connected to the Internet, the mobile app and website allows you to control the thermostat remotely. The thermostat and mobile app include an away feature that overrides the schedule to lower the temperature and increase energy savings. The thermostat is designed to support radiant floor heating and optional floor sensors can be installed to enhance comfort and protect floor coverings.



tekmar[®]

A WATTS Brand

User Interface

Home Screen

After 60 seconds of inactivity, the thermostat home screen displays only the time and the temperature.

The diagram illustrates the thermostat's user interface. The main home screen, titled "tekmar", displays the current time (10:30 AM), outdoor temperature (60°), and floor temperature (70°). It also shows the current mode (Heat) and equipment operation (Heat On). A "Go to schedule" button is located at the top left. A "Swipe to view" section lists: Weather, Outdoor temperature, Floor temperature, and Heat To setting. A "Change operating mode" section shows a "Mode Heat" button and up/down arrows. A "Go to settings" button is at the bottom right. A "MENU SELECTION" screen is shown to the right, with buttons for AWAY, SCHEDULE, DISPLAY, TIME, WIFI, and SETUP, and a back arrow. A "Temperature Adjustment" screen is shown at the bottom, with a "Heat To" button, a large "70" display, a "Hold Until 5:00 PM" button, and a "Save to Schedule" button. A "Save" button is at the bottom left, and a "Cancel" button is at the bottom right. A "WIFI: Connected" status is shown at the bottom right of the menu selection screen.

Go to schedule

Current time

Swipe to view:

- Weather
- Outdoor temperature
- Floor temperature
- Heat To setting

Current temperature

Equipment operation (Heat On)

Change operating mode

Go to settings

Touch ▲ or ▼ to adjust temperature

Hold overrides the programmed schedule until the time shown

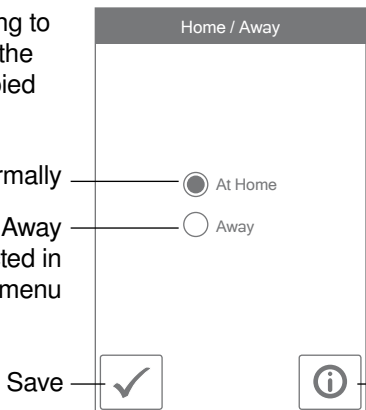
'Save to schedule' applies the new temperature to the current schedule event.

User Settings

Away

Use the Away setting to save energy when the building is unoccupied

Operates normally
Operates using the Away temperature selected in the Setup menu

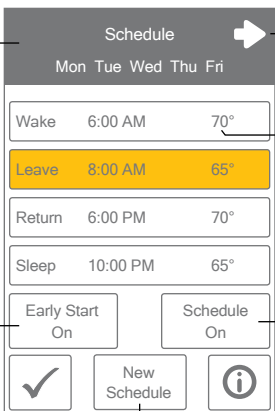


- Selecting the Away setting on a thermostat or the mobile app will affect all devices linked to that location through the app.
- The Away temperature can be adjusted in the Setup / Temps menu.

Schedule

Current group of program days.

Go to the next group of program days.



Heating temperature

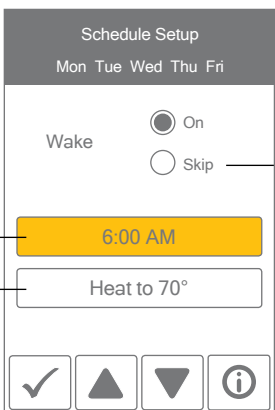
Early Start anticipates the time required to heat a room and starts early.

Set to On to follow the schedule. Set to Off to use the same temperature all of the time.

Creates a new schedule.

Set schedule start time
Set heating temperature

Select skip if you don't want a temperature change.



Display

DISPLAY 1/2

Temperature Units: °F

Energy Use: Monthly

Brightness - Active: 80%

Brightness - Inactive: 50%

Theme: Light

Language: English

← ▲ ▼

Select °F or °C

Energy use. See below.

Brightness when touching the display

Brightness after 60 second timeout of no use

Choose the background color

Select English, French or Spanish

10 second count down to allow the screen to be cleaned with a moist cloth.

DISPLAY OPTIONS 2/2

Clean Screen: OFF

← ▲ ▼

Energy Use

Daily Usage

Today	0 hrs
Yesterday	0 hrs
Tue	0 hrs
Mon	0 hrs
Sun	0 hrs
Sat	0 hrs
Fri	0 hrs

✓ Monthly Usage ⓘ

View each day's run time for heating.

Toggle between Daily and Monthly Usage.

Time

TIME & DATE

Aug 25 2016

1 30 PM

▲ ▲ ▲

▼ ▼ ▼

✓ OPTIONS ⓘ

When connected to the Internet, the time can be set automatically.

The time and date can be manually set by highlighting a field and then using the ▲ or ▼ buttons.

Time options are:

- 12 hour or 24 hour time format
- Automatic or manual time setting
- Time zone
- Daylight savings time

NOTICE

Incorrectly setting the time and date manually may prevent the thermostat from communicating to the mobile app. Automatic time source is recommended when using an Internet connection.

NOTICE

Before using the WiFi features of this product, you must accept the Terms of Use, as amended from time to time and available at tekmarConnect.com/terms. If you do not accept these terms, this product can still be used without WiFi features.

The thermostat includes a step by step tutorial to setup the WiFi connection.

Tutorial

Before first using wi-fi features of this product, you must accept the Terms of Use available at <http://tekmarConnect.com/terms> by pressing AGREE below.

If you do not accept these terms, this product can still be used without wi-fi features.

Step 1

Agree to Terms of Use

WIFI

Off
 On

Step 2

Turn on WiFi

NETWORK SSID

Select a network from the list:

Your House ▼

Step 3

Enter wireless network name. It must support WPA2 security encryption.

Enter Password

A	B	C	D	E	F
G	H	I	J	K	L
M	N	O	P	Q	R
S	T	U	V	W	X
Y	Z		Shft	A/1	Del

Step 4

Enter WiFi password.

ZIP/Postal

1	2	3	4	5	6
7	8	9	0	-	/
:	;	()	\$	&
@	"	.	,	?	!
'	\		Shft	A/1	Del

Step 5

Enter ZIP or postal code. This determines your location for weather information.

Time Source

Automatic
 Manual

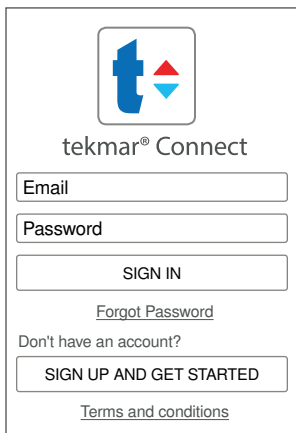
Step 6

Select if the time is set automatically from the Internet or manually.

tekmar Connect Web and Mobile App

To view and adjust the WiFi Thermostat using a mobile phone or tablet, download the tekmar Connect mobile app from the Apple® iTunes® Store or from the Google Play® Store. Alternatively, go to tekmarConnect.com for web browser access.

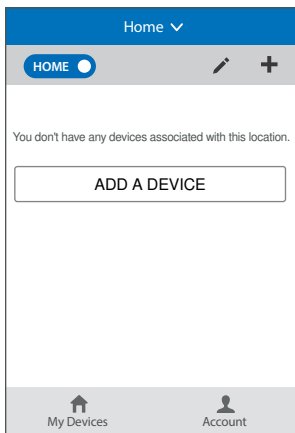
Add Thermostat to App



The screenshot shows the login screen for the tekmar Connect app. At the top is the tekmar logo, a stylized 't' with a red triangle above it and a blue triangle below it. Below the logo is the text 'tekmar® Connect'. There are two input fields: 'Email' and 'Password'. Below these is a 'SIGN IN' button. A link for 'Forgot Password' is below the sign in button. Below that is the text 'Don't have an account?' followed by a 'SIGN UP AND GET STARTED' button. At the bottom is a link for 'Terms and conditions'.

Step 1

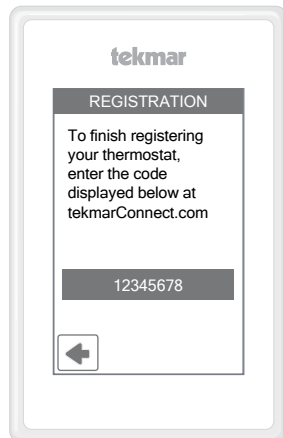
Create a new account. Then login using your username and password.



The screenshot shows the 'Add a Device' screen in the tekmar Connect app. At the top is a blue header with 'Home' and a dropdown arrow. Below the header is a grey bar with 'HOME', a pencil icon, and a plus icon. The main content area says 'You don't have any devices associated with this location.' and has a large 'ADD A DEVICE' button. At the bottom is a grey bar with 'My Devices' and 'Account' icons.

Step 2

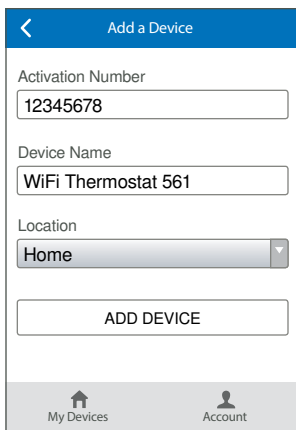
Add a Device



The screenshot shows the registration screen on the thermostat. At the top is the tekmar logo. Below it is a 'REGISTRATION' header. The main text says 'To finish registering your thermostat, enter the code displayed below at tekmarConnect.com'. Below this is a grey box containing the code '12345678'. At the bottom left is a back arrow icon.

Step 3

On the thermostat, go to WiFi menu and press Register Device.



The screenshot shows the 'Add a Device' screen with form fields. At the top is a blue header with a back arrow and 'Add a Device'. Below the header is a grey bar with 'Activation Number' and a text input field containing '12345678'. Below that is 'Device Name' with a text input field containing 'WiFi Thermostat 561'. Below that is 'Location' with a dropdown menu showing 'Home'. At the bottom is a large 'ADD DEVICE' button. At the very bottom is a grey bar with 'My Devices' and 'Account' icons.

Step 4

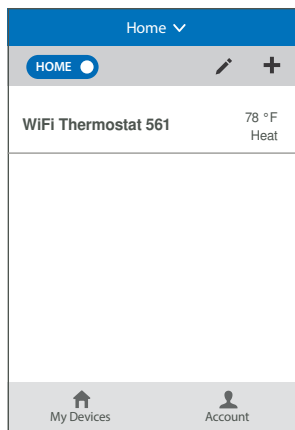
Enter the 8 digit number from the thermostat into the mobile app. Then enter the thermostat's room name. The app supports multiple site locations. Enter the location for the thermostat.



The screenshot shows the 'Edit Your Account' screen. At the top is a blue header with 'Edit Your Account'. Below the header is a grey bar with 'Username' and 'name@domain.com'. Below that is 'First & Last Name' with a text input field. Below that is 'Email Address' with a text input field. Below that is 'Phone' with a text input field containing '(###)###-####' and 'Units' with a dropdown menu showing 'F'. Below that is 'Change Password' with a 'SAVE' button. At the bottom is a 'Logout' link. At the very bottom is a grey bar with 'My Devices' and 'Account' icons.

Step 5

Edit your account and save.



The screenshot shows the 'My Devices' screen. At the top is a blue header with 'Home' and a dropdown arrow. Below the header is a grey bar with 'HOME', a pencil icon, and a plus icon. The main content area shows 'WiFi Thermostat 561' with a temperature of '78 °F' and 'Heat'. At the bottom is a grey bar with 'My Devices' and 'Account' icons.

The thermostat is now listed on the My Devices page.

Using the App

Choose a location.

HOME AWAY

Set to AWAY to save energy when you are away for a day or more.

View and change thermostat

Home

HOME +

WiFi Thermostat 561 73 °F Off

WiFi Thermostat 561 75 °F Heat

WiFi Thermostat 561 78 °F Heat

My Devices Account

Add a device

Edit location info

Edit account info

WiFi Thermostat 561

Auto

tekmar A WATTS Brand

HEAT TO 70°

TEMP 72°

40° 100°

SAVE TO PROGRAM CANCEL HOLD

My Devices Account

Change from Heat or Off mode

Change heating setting

Save temperature change to the schedule

Return to home view

View and edit schedule

View energy usage

Edit device info

Temperature change hold until schedule change