

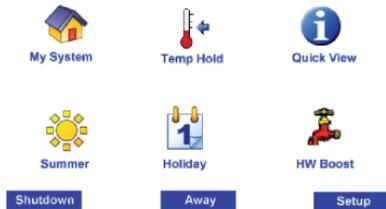
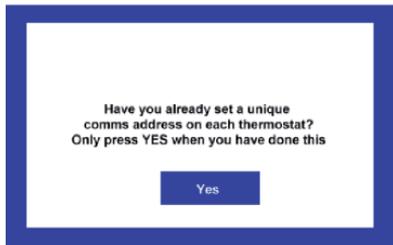
TouchPad v3

User Operating Guide

Contents Table

Function	Page
Initial Setup Procedure	2-3
Away Function	3
Programming the Thermostats	4
Copy Function	5
Programming the Hot water	5
Programming the Timeclock (TM1)	5
Using the Keylock	6
Using the Temperature Hold	6
Quick View	6
History	7
Summer Mode	8
Holiday	8
Setting the Clock	8
Master Timeclock	9
Security Function	9
Deleting the History	9
Extra Settings	10
Wiring Diagrams	11-12

Initial Setup Procedure



When you first install the system, you will see a screen asking you to confirm that you have set the unique communications address in each thermostat. When you have done that, you can press “Yes” to continue. The Touchpad will then scan the network and will display how many thermostats are on the system.

Network Scan

From the Main screen you should now press Setup followed by Network.

At this stage, the Touchpad should display how many thermostats are on the system.

Press Setup again to enter the room names.



Entering the Room Names

You can now use the left and right arrows to select the room title you wish to adjust. Use the keypad to enter the room title.

If you wish to enter numbers within the room title, press ABC to view the numeric keypad.

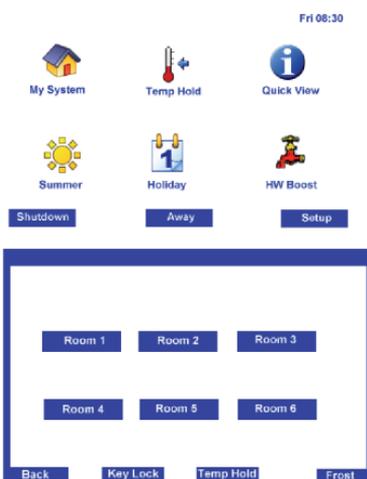
Press Store when you have finished.

Performing a Manual Network Scan

Should you need to re-scan the network, for example if you have added extra thermostats to your system since your initial scan, follow the steps below:

- From the main screen, press Setup
- Press Network
- Press Query – the Touchpad will then scan the network and will display the total number of thermostats on the system.
- You can then enter the room names as explained above.

Viewing / Programming Your Heating System



Away Function

The Away function is used to switch the entire system off completely. In this mode, the Holiday Icon will be displayed on the thermostats. When you return home, you will see the button “Home” Pressing Home will return the heating to its normal state.

From the Main Menu, press 

You can then select the room you wish to program by pressing the room title on the screen.

You can press the left/right arrows to see the other thermostats on the system.

You can also select the Keylock/Temp Hold /Frost functions.

Non Programmable Thermostats

When a non programmable thermostat is connected to the Touchpad, you will see a display as shown here.

To adjust the Set temperature, press SET. You can then use the Up/Down arrows to set the desired temperature. Press Done to accept



Programming the Comfort Levels

On programmable models you can program comfort levels. Depending on the setup of the thermostat, you can either program each day individually or you can program the weekdays and weekend as a group. Then you need to select the period you wish to program, these are labelled as Wake, Leave, Return and Sleep.

You should enter the start time and desired temperature for these periods. For any unused periods, select —.—which can be found by decreasing the hours setting below 00.



Copy Function

There is a function which allows you to copy the comfort levels from one thermostat to another or to ALL thermostats on the system.

Place a tick next to the thermostats you want to copy to and then press Done.

Note: Only the thermostats setup in the same mode (7 Day, 5/2 Mode) will be visible on this screen. Non programmable thermostats will not be shown here.



Programming the Hot Water Levels

When you connect a PRTHW-N to the Touchpad you can program the hot water times as well as the heating levels.

Depending on the setup of the thermostat, you can either program each day individually or you can program the weekdays and weekend as a group. Then you need to select the switching time you wish to program, these are labelled as Time 1, Time 2, Time 3 and Time 4.

For any unused periods, enter —.— and —.—for both the start and end time.

Operating a TM1 (Timeclock) from the Touchpad

The TM1 offers four mode of operation:

1) 5/2 Programmable Mode; 2) 7 Day Programmable Mode; 3) Countdown Timer.

The mode is selected on the TM1 and then according to the mode selected, the TM1 can be operated on the Touchpad.

5/2 Day Programmable Mode

This mode is a 5/2 day timeclock.

It allows you to program 4 switching periods for the weekday and 4 different periods at the weekend.

When you are happy with the times, press Done to store.

During a holiday period, the TM1 output will be Off for the duration of the holiday.

7 Day Programmable Mode

This mode is a 7 day programmable timeclock.

It allows you to program 4 switching periods for each day of the week.

When you are happy with the times, press Done to store.

During a holiday period, the TM1 output will be Off for the duration of the holiday.

Countdown Timer

This mode is used as an override switch, enabling the output during the countdown period. During a holiday period, the TM1 output will be Off for the duration of the holiday.



Keylock Function

You are able to lock the keypad on each thermostat to stop the tampering of the programmed settings.

To use the lock function:

Press My System

Press KeyLock

You will then see a screen like this. You should place a tick next to each room you wish to lock. Press Done to accept.

Temperature Hold

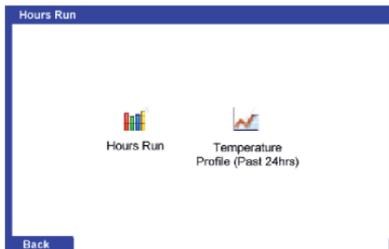
This function can be used if you wish to maintain the same temperature for a certain length of time (Ideal for parties or if you are going out)

To use this function, select the temperature to hold and the desired hold period. You can then select which thermostats you want this temperature to apply to. This function is not possible on the TM1.

Quick View

Pressing Quick View from the Main Menu allows you to quickly see the actual and desired temperatures for all the thermostats on the system. From this screen, you can select to view the history (temperature and hours run information) and also access the quick temperature set function.

With your stylus, select the room. You will see the room name change colour
You can now press:



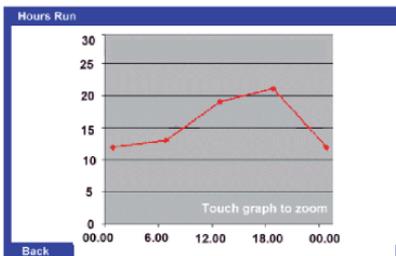
History

Pressing History allows you to view historic data gathered from each thermostat. The Touchpad continuously monitors the network and automatically records the actual temperature and the number of hours the heating has been active. This information is very useful for pinpointing areas of high energy usage within your building.



Hours Run

The Touchpad stores the past 4 weeks hours run data for each thermostat. This will be presented as a bar graph. The Touchpad considers Sunday to be the start of the week.



Temp Profile

The Touchpad stores the data for the past 24 hours. This will be presented as a line graph. Touch anywhere on the screen to zoom.

Summer

The Summer mode function will turn the heating off, placing the thermostats into frost mode but will leave the hot water to run as programmed.

Note: This function will not turn off the output on any TM1s on the system.

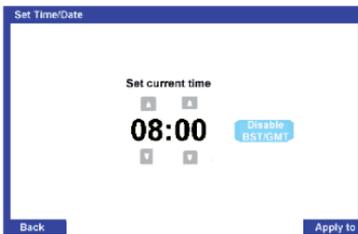
Holiday

The Touchpad has a holiday feature which allows you to put all thermostats into holiday mode.

To enable the Holiday mode, press the Holiday button on the main screen. You will then be prompted to enter the time and date of your return. During a holiday, all of the thermostats will show the Holiday Icon. The heating will turn off, maintaining frost protection if enabled, and any timer zones including the hot water will turn off.

To cancel the holiday early, press Holiday again and select Yes.

Time / Date



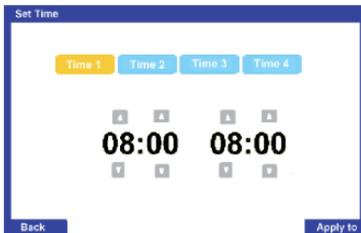
From the Main Menu press Setup
From the Setup Menu press Time/Date

You are now able to enter the current time by using the Up/Down arrows

Press Date to enter the correct date using the Up/Down arrows.

On this screen, you can also enable or disable the Auto BST/GMT correction. This facility will automatically adjust the clock for the winter / summer time.

Master Time Clock



The Touchpad features a master timeclock. Up to 4 switching times can be programmed for the weekday and 4 different for the weekend.

You can then select which thermostats should work to this time clock. This time clock function is ideal if non programmable room thermostats are on the system. During the timed period, the thermostat will maintain their programmed temperature. Outside of the timed period, the thermostat will switch into frost mode.

The frost temperature can be set differently on each thermostat.

Security



The Touchpad features a security feature which is disabled as a factory default.

When enabled, a password screen is prompted whenever you try to adjust any programmed setting.

After enabling this function, you will be asked to enter a passcode. Use the Up/Down arrow keys to enter your preferred code. NB: You should contact your supplier should you forget or misplace your code.

Delete History

The Touchpad will record the historic data from each thermostat every 15 minutes. Should you wish to delete this history press the Delete History button from the System Menu and then select which thermostat history you wish to delete.

Setting the Frost Temperature Setting

Each thermostat has a frost temperature. This is the temperature used during a holiday period or when the thermostat is in Away Mode.

You can set the frost temperature for each individual thermostat on the Touchpad and in addition you can copy this setting to a selection or all of the thermostats.

From the main menu, press Setup > Extras > Frost Temp > Room. You can then enter the desired frost temp. Use the Copy function to copy to other thermostats.

Setting the Flow Limit Temperature

Selected models incorporate floor limiting sensors, preventing the floor from overheating.

When you connect these models to the Touchpad, you can set the floor limit temperature and in addition you can copy this setting to other thermostats with a floor sensor.

From the Main menu, press Setup > Extras > Floor Limit Temperature. On this screen you can see the current floor temperature and you are able to adjust the floor limit temperature.

Once set, you can copy the setting to other thermostats on the network.

Calibration

By pressing the cross hairs on the LCD, you are able to calibrate the touchscreen.

Deadband

This setting is used only with the HC-N mode 3. The deadband setting ensures the heating and cooling outputs do not conflict with each other. With a deadband setting of 02, the minimum cooling set temperature would be 02 degrees above the heating set temperature.

Statistics

This function displays the communication rate to each thermostat. This information is useful to identify communication errors on the system.

