

4.3" Touchscreen User Manual



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1. Temperature

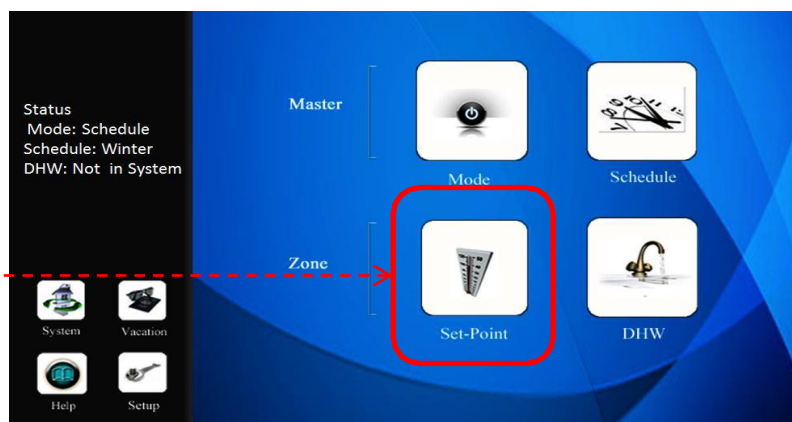




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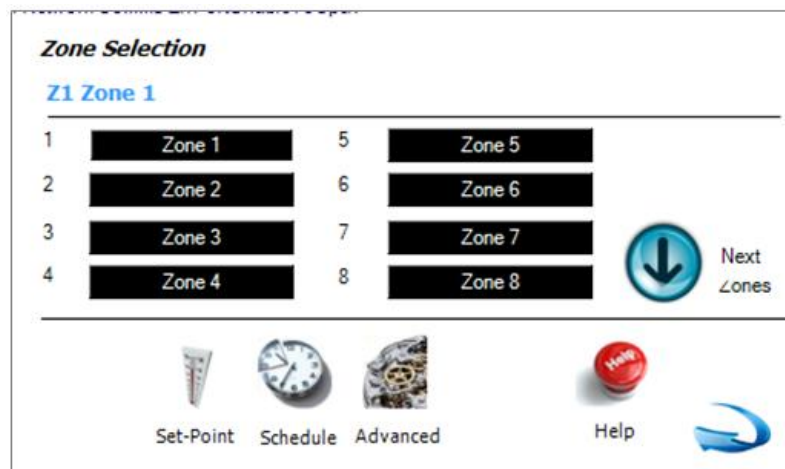
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1.1 How do I adjust the temperature at console?

1. Press – Zone Settings

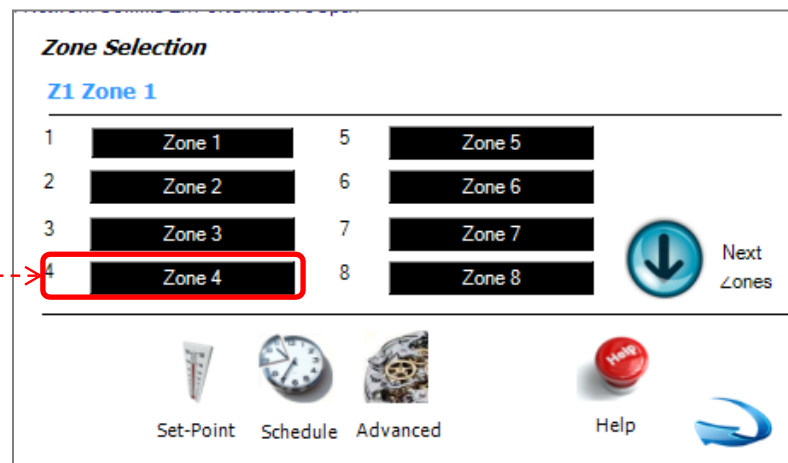




2. Use  arrows to find
 which room you
require



1.1 How do I adjust the temperature at console?

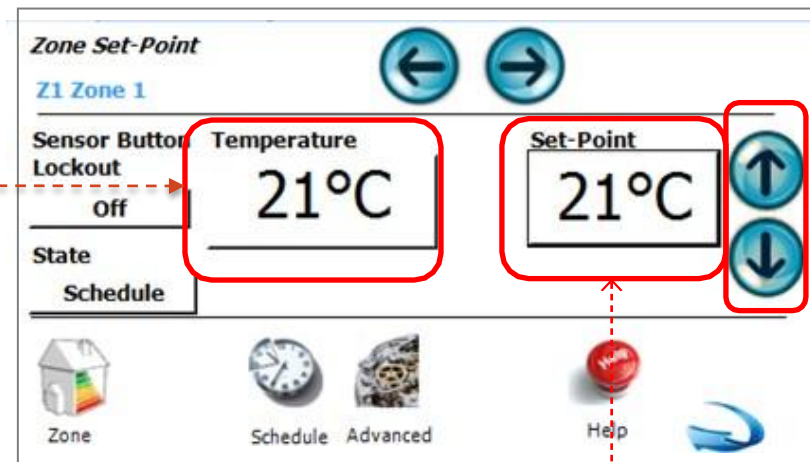
3. Press Zone Number



4. Use  to adjust the room
 set point

Comment:

Actual room temperature



Comment:

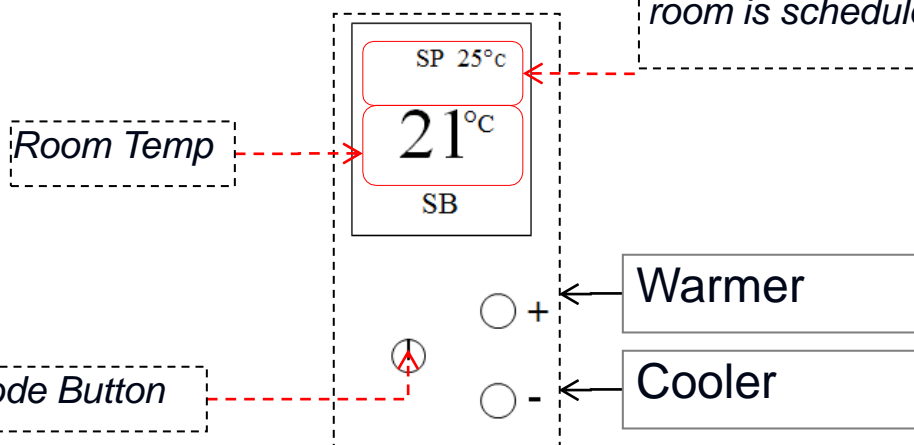
Set Point is the desired temperature, when the room is scheduled to be on.

1.2 How do I use the button the sensor?

Press + & – buttons to adjust the room SP
(Set Point)

Comment:

Set Point is the desired temperature, when the room is scheduled to be on.



Zones Status

Timer :

SP 25°C
21°C
SB

Room follows
Timer schedule

Stop:

SB

Room Ignores schedule
Stay in Set Back

Disable

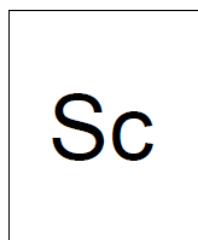
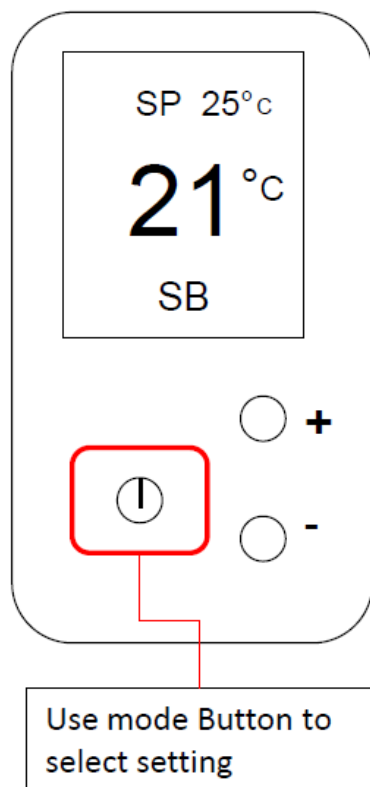
Room Ignores schedule
Stay in Frost Protection



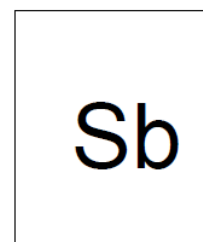
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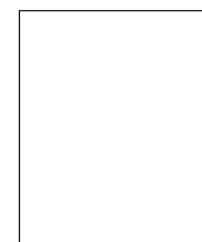
1.3 Sensor Symbols



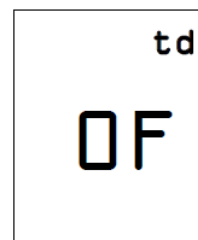
Schedule Heating



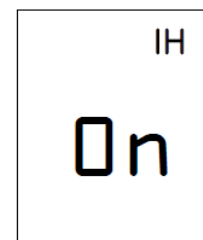
Stop Set Back Indefinitely



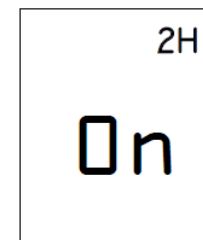
Disable Frost Protect Indefinitely



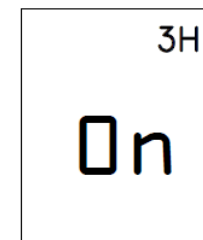
OFF for Today



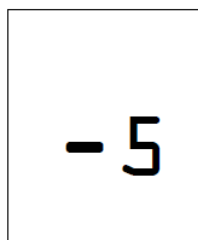
ON For 1 Hr



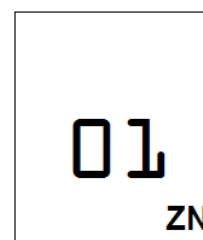
ON For 2 Hr



ON For 3 Hr

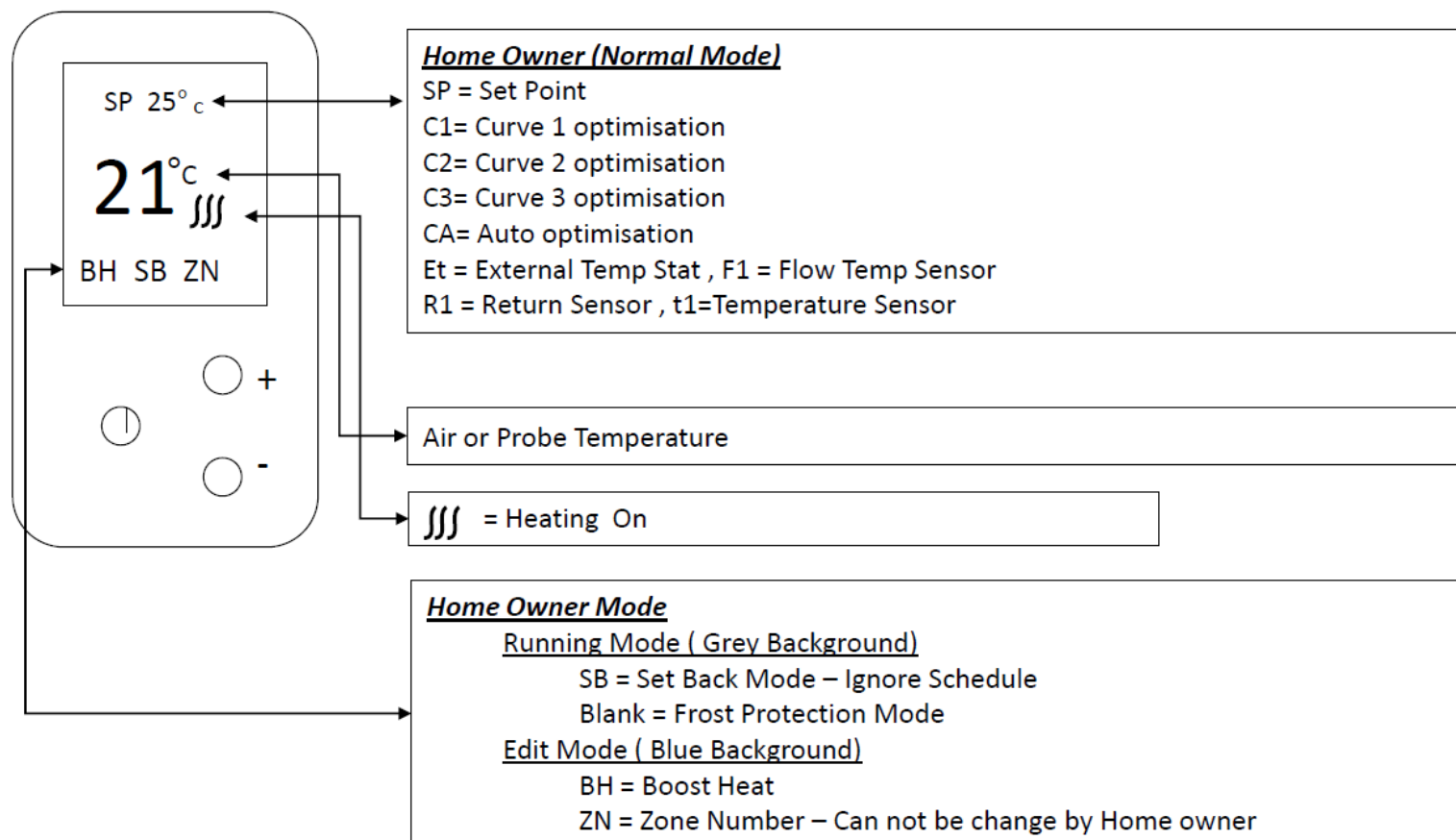


Cannot read Probe



Lost Comms

1.3 Sensor Symbols Explained

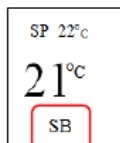


1.4 What does set back temperature mean?

Set Back is the temperature the room will not fall below when room is OFF.

Comment:

Time OFF :



Room OFF

*SB (Set Back) Displayed at bottom on
Room Only heat if room temp fall below SB*

Time ON :



Room ON

*SB (Set Back) REMOVED
Room heats to the SP (Set Point) Temp*





2. Scheduling

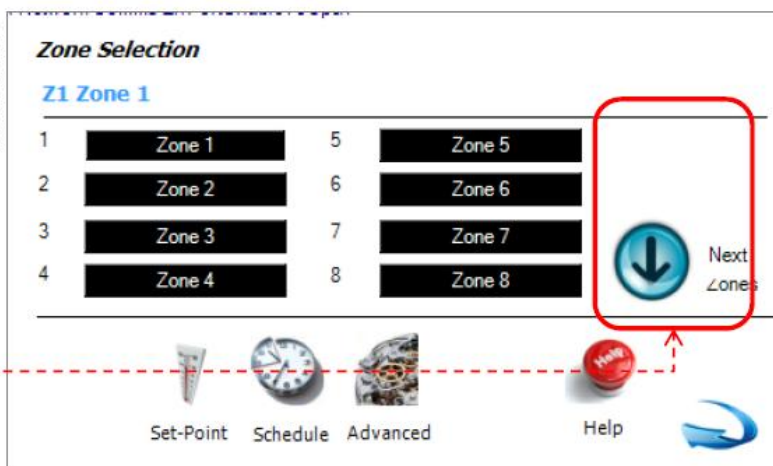


2.1 How do I schedule a room to heat?

1. Press – Zone Settings

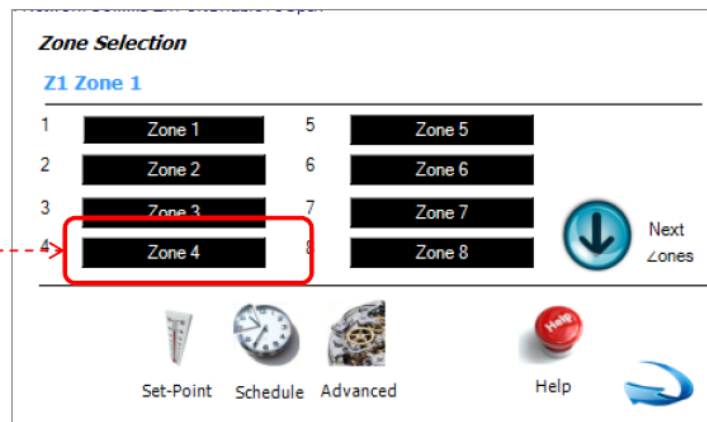


2. Use   arrows to find which room you require

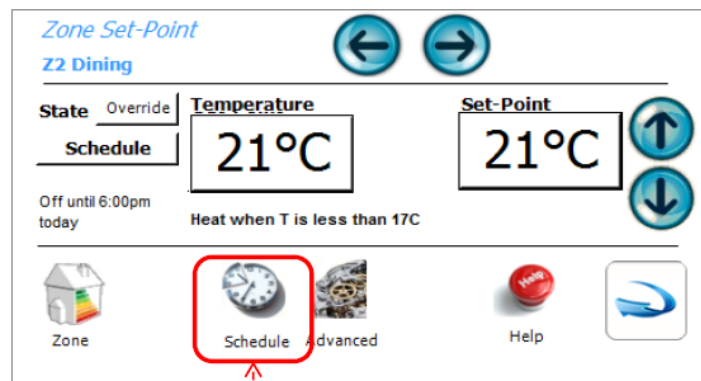


2.1 How do I schedule a room to heat?



3. Press Zone Number



4. Use Schedule icon



2.1 How do I schedule a room to heat?

6. Select Start & Stop Time and use  the arrows to set  the time

Zone Schedule: Winter

Z1 Zone 1

SP **21°C**

Start

5	0	AM
6	0	PM





 End



9	0	AM
9	0	PM

☐ Sun ☒ Mon ☐ Tue ☐ Wed ☐ Thur ☐ Fri ☐ Sat

Tracks the Next Scheduled SP less the Set-Back in unscheduled times

Add Point **Remove Point**

 **Zone**  **Set-Point**  **Advanced**  **Help**

2.2 How do I add different times to a room schedule?

Use the Button highlighted to Add or Remove Times

Max: 4 Schedule Times

Zone Schedule: Winter

Z1 Zone 1

SP **21°C**

Start 5 0 AM 6 0 PM
End 9 0 AM 9 0 PM

☐ Sun ☒ Mon ☐ Tue ☐ Wed ☐ Thur ☐ Fri ☐ Sat

Tracks the Next Scheduled SP less the Set-Back in unscheduled times

Add Point **Remove Point**

Zone Set-Point Advanced Help

2.3 Can I have a different schedule for different days of the week?

1. Select the box beside the day required and enter the new schedule for this day

Zone Schedule: Winter

Z1 Zone 1

SP **21°C**

Start 5 0 AM 6 0 PM
End 9 0 AM 9 0 PM

☐ Sun ☒ Mon ☐ Tue ☐ Wed ☐ Thur ☐ Fri ☐ Sat

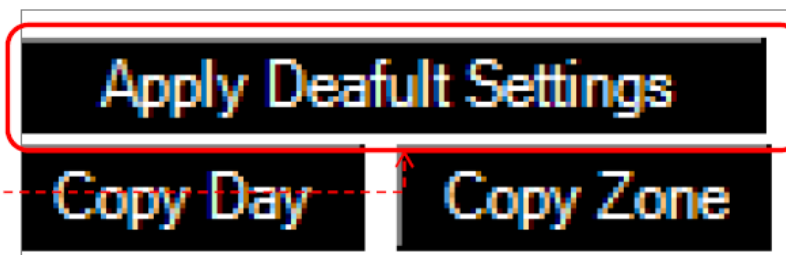
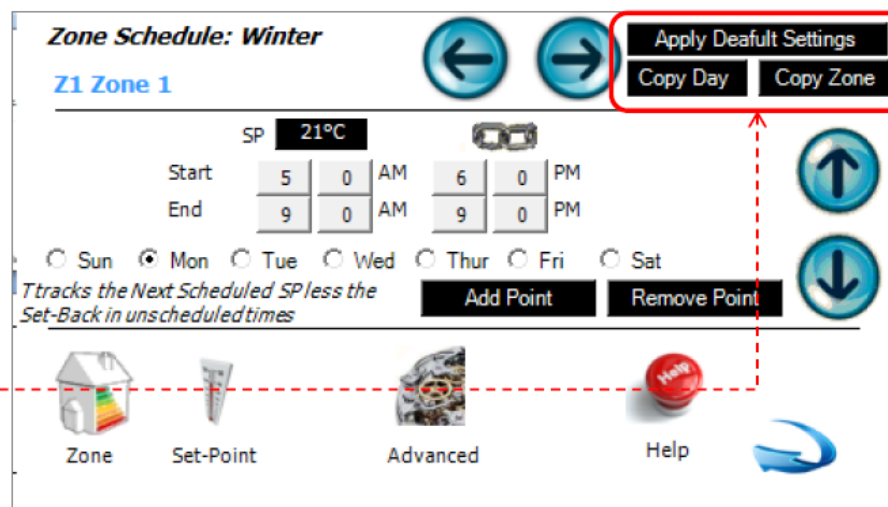
T tracks the Next Scheduled SP less the Set-Back in unscheduled times

Add Point **Remove Point**

Zone **Set-Point** **Advanced** **Help**

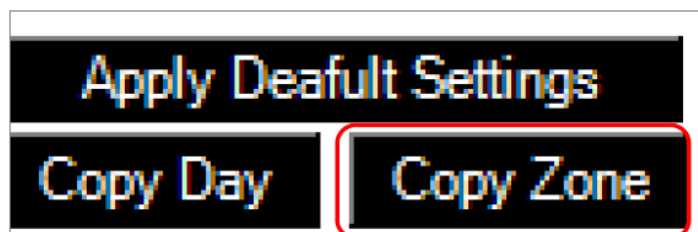
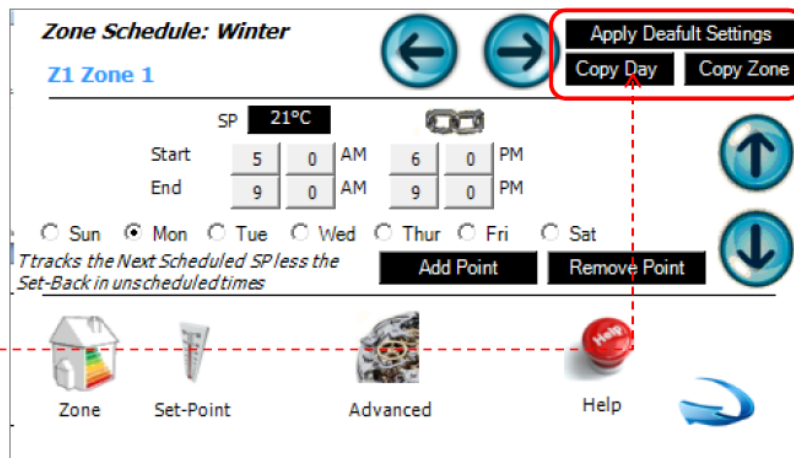
2.4 Is there a quick default schedule I can use?

1. By pressing these buttons, factory default Time & Temperature settings will be assigned to this room or all rooms



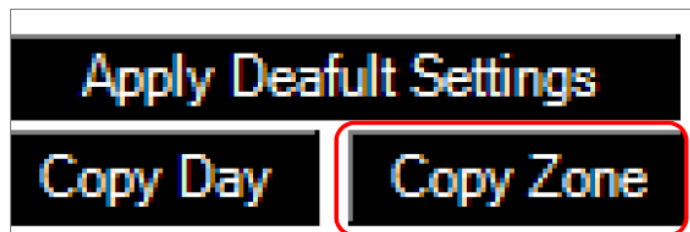
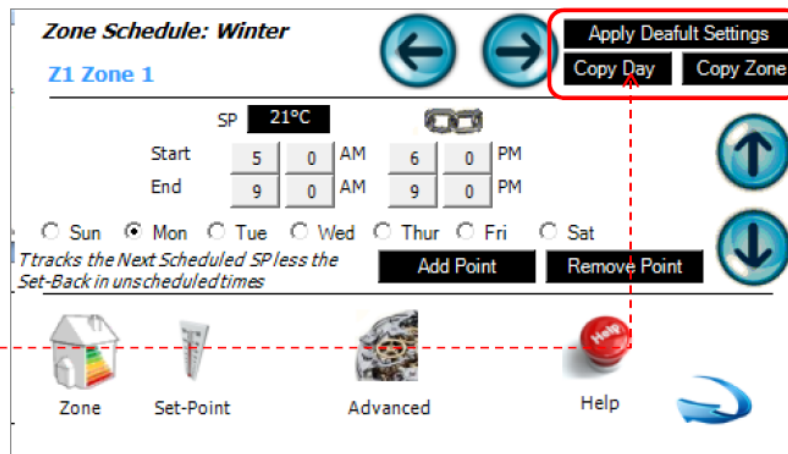
2.5 Can I copy a room schedule into another room?

1. By pressing these buttons, you can copy today's room schedule into other day of the week or all days of the week.

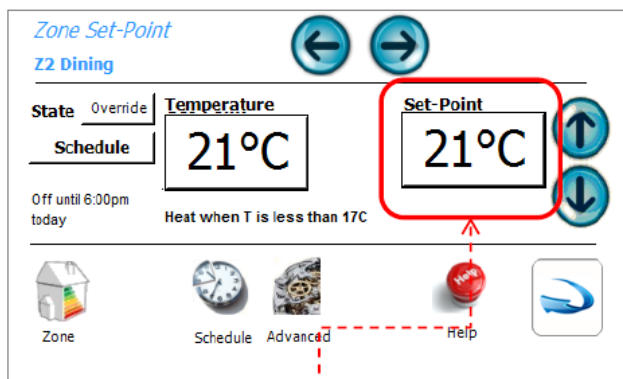


2.6 Can I copy a room schedule into another day of the week?

1. By pressing these buttons, you can copy today's room schedule into other day of the week or all days of the week.



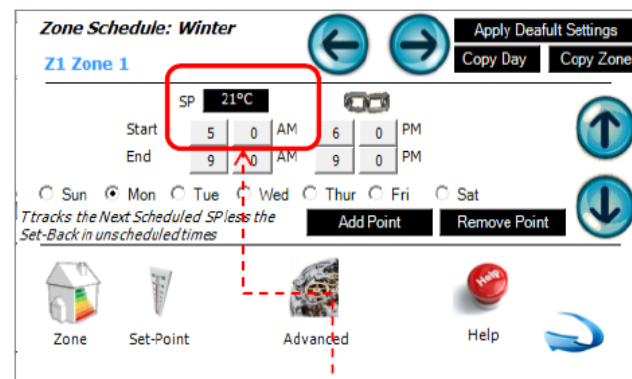
2.7 Temporary and schedule set point



Temporary SP

(Zone Set Point Screen)

Any adjustment to the SP on this screen will only remain until the next scheduled ON/OFF event



Scheduled SP

(Zone Schedule Screen)

Default SP

Note:

If you make any adjustment on this screen, the Temporary SP will atomically be updated, with the scheduled SP

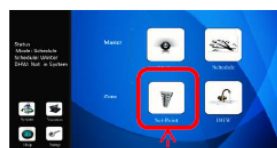
3. Advanced Room Settings



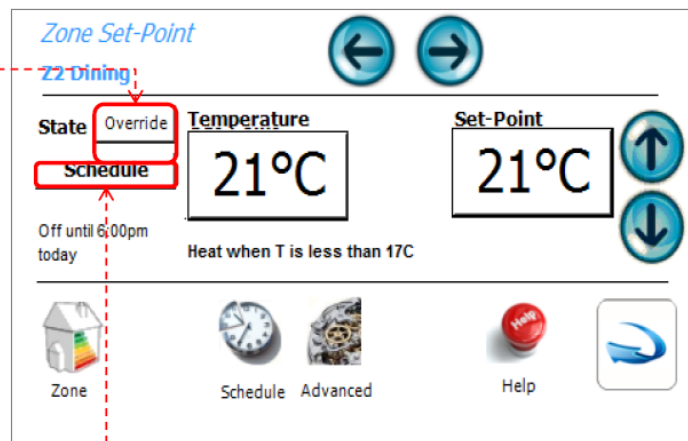
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3.1 Can I switch a room to a different state without adjusting all my schedules?



1. Press – Zone Settings



Override

Override the current ON/OFF state to Off/ON until the next scheduled event

State Button

Underfloor Heating

Normal: Zone follows the programmed schedule
Stop: Zone Schedule is suspended
 The desired temperature is SP-SB
 The Sp for DHW zones is Off
Disable: Zone schedule is suspended
 Zone is placed in frost protection mode

Radiators & Hot Water Heating & Sch

Off Today: Off For Today
On 1 Hr: On for 1 Hour
On 2 Hr : On for 2 Hour
On 3 Hr : On for 13Hour

Cool & Sch Heat

Enable Cooling & schedule Heating
Note: Only active if cooling installed.



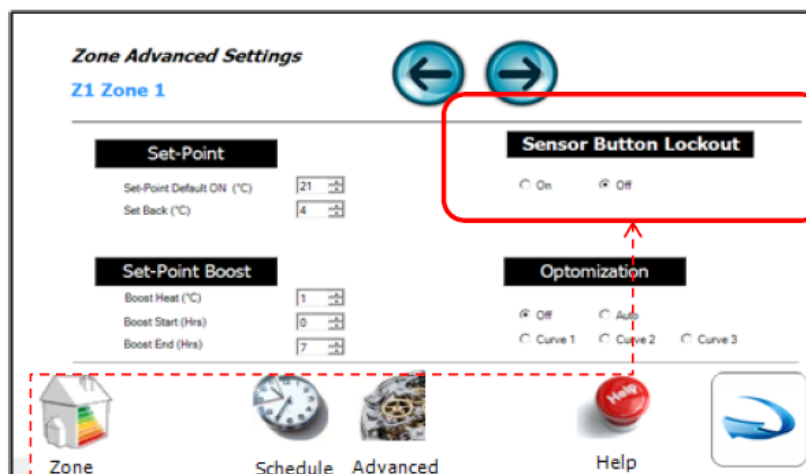
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3.2 Can I set the room to switch on early so it's at a desired temperature at a set time?

Optimisation

This is a mechanism of ensuring zone temperatures are achieved according to the programmed schedule.



Optimisation

- Normal:** No optimisation - Follows the timed schedule for the Zone
- CRV 1:** Preheats Zone **1 Hr** prior to the scheduled ON time
[c1 displayed on sensor when overriding ON time]
- CRV 2:** Preheats Zone **2 Hr** prior to the scheduled ON time
[c2 displayed on sensor when overriding ON time]
- CRV 3:** Preheats Zone **3 Hr** prior to the scheduled ON time
[c3 displayed on sensor when overriding ON time]
- AUTO:** This setting will self-learn the thermal inertia of the room and adjust the start time from memory
[cA displayed on sensor when overriding ON time]

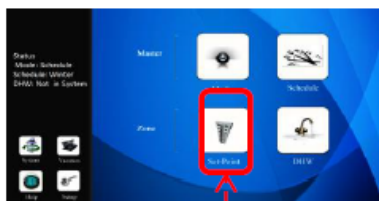
3.2 Can I set the room to switch on early so it's at a desired temperature at a set time?

Curve 1		Curve 2		Curve 3	
Time Offset (mins)	Temp Offset (Deg C)	Time Offset (mins)	Temp Offset (Deg C)	Time Offset (mins)	Temp Offset (Deg C)
30	1.0	30	1.0	30	1.0
60	2.0	60	2.0	60	2.0
		90	3.0	90	3.0
		120	4.0	120	4.0
				150	5.0
				180	6.0

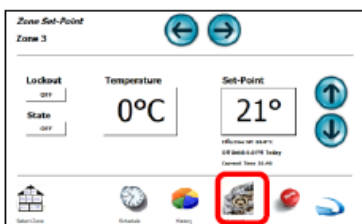
Optimization is the control of zone temperature in order to pre-heat according to a selected optimization curve when the zone is in the Timer mode (not Setback or Disable).

An optimization curve controls temperature gradient prior to the scheduled ON time. Curves differ with respect to duration.

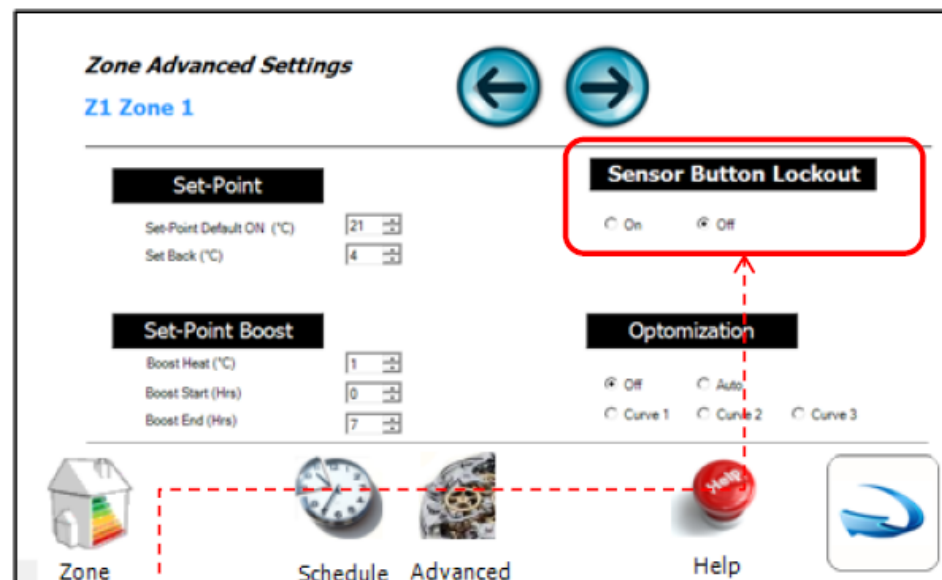
3.3 Can I 'Lock Out' the buttons on my sensors?



1. Press – Zone Settings



2. Press – Zone Settings



Room Sensor Button Lock Out:

Each individual room sensor buttons can be set to Lock Out, to ensure the occupant cannot change the settings

4. Hot Water



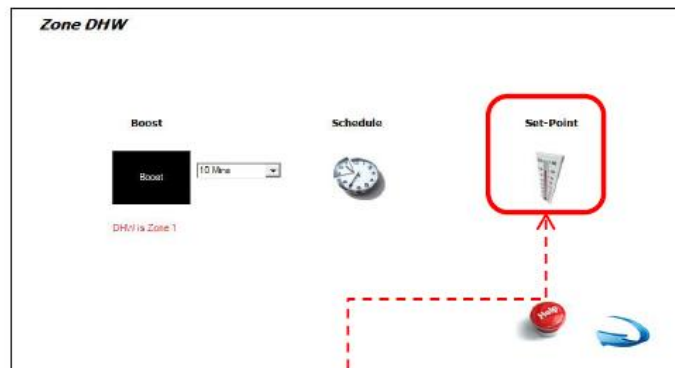
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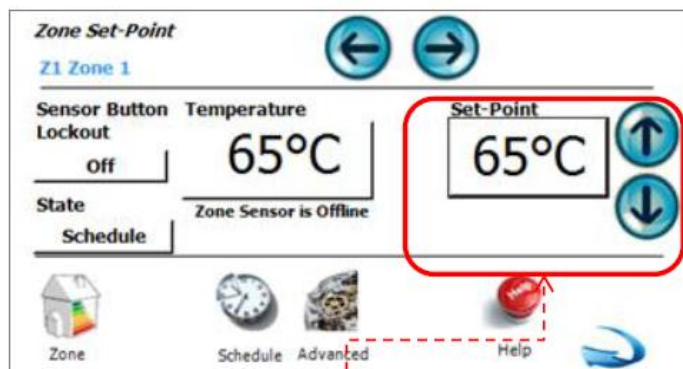
4.1 Can I adjust the temperature of my hot water?





Step 1. Press – Domestic Hot Water

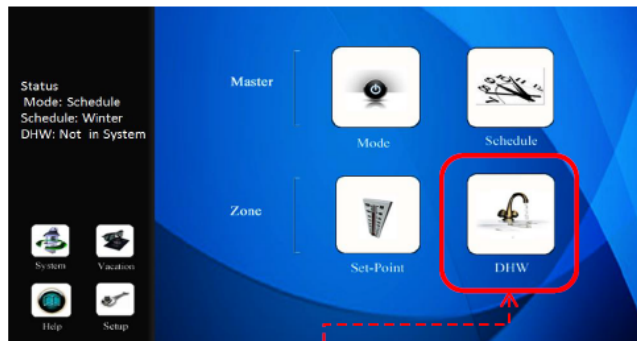


Step 2. Press – Domestic Hot Water

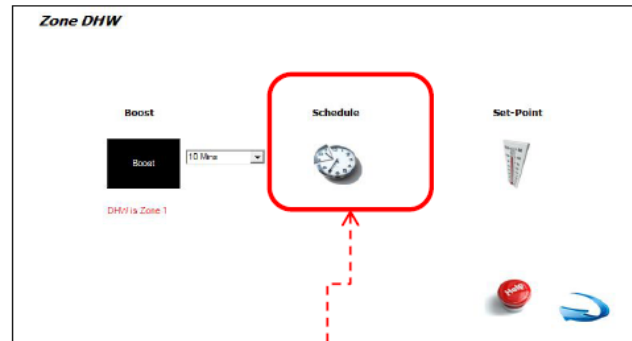


Step 3. Use   keys to adjust temp

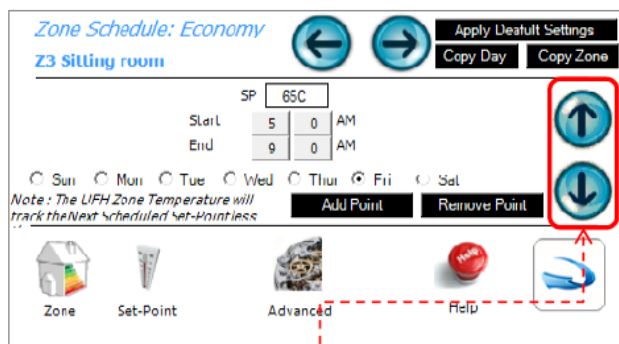
4.2 Can I adjust the schedule of my hot water?





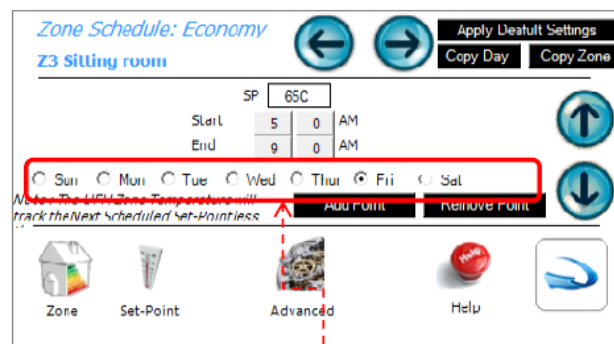
Step 1. Press – Domestic Hot Water



Step 2. Press – Domestic Hot Water

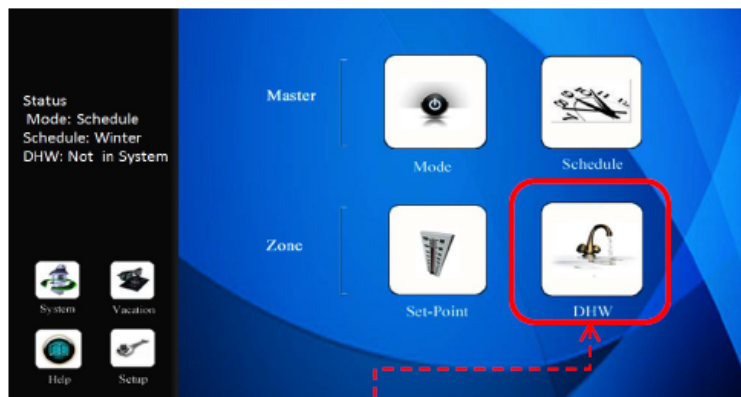


Step 3. Use   keys to schedule

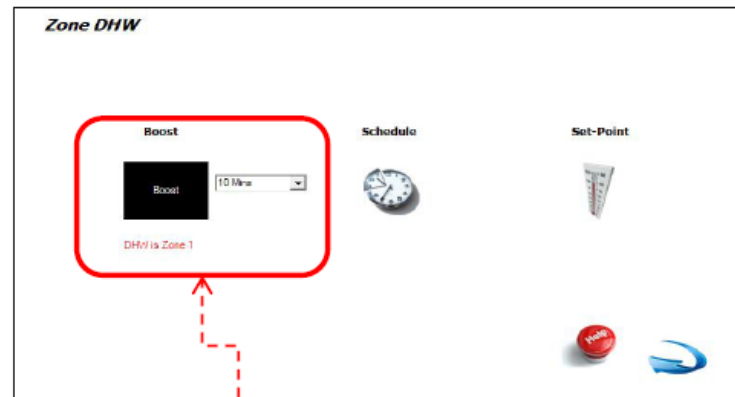


Step 4. Select days

4.3 Is there a handy 'boost' to switch on my hot water for a short period?



Step 1. Press – Domestic Hot Water



Step 2. Press – Boost

Boost Button will heat HW
With adjustable time from 10min – 2Hr
Mode.
Once the water has reached the desired SP
the demand will stop

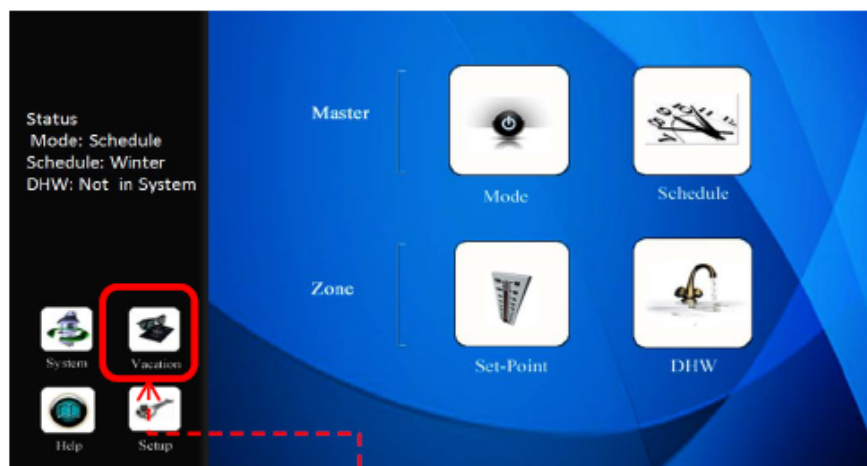
5. Holiday



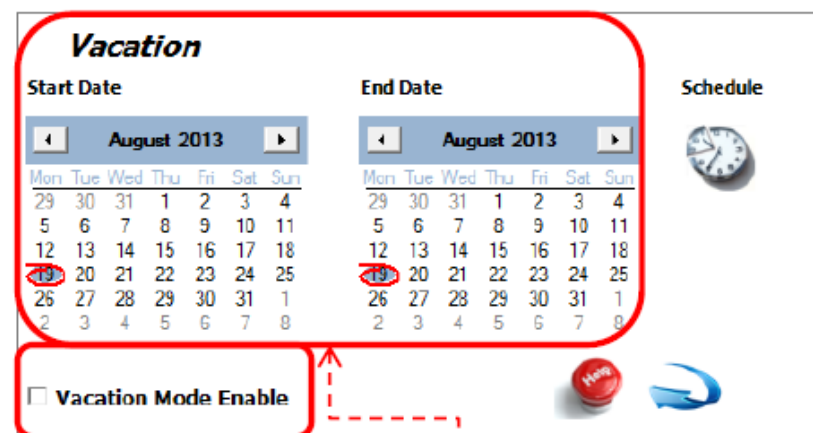
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5.1 How do I set the holiday setting?



Step 1. Press – Holiday Setup



Step 2. Select Dates Required
Step 3: Select Enable Vacation Mode

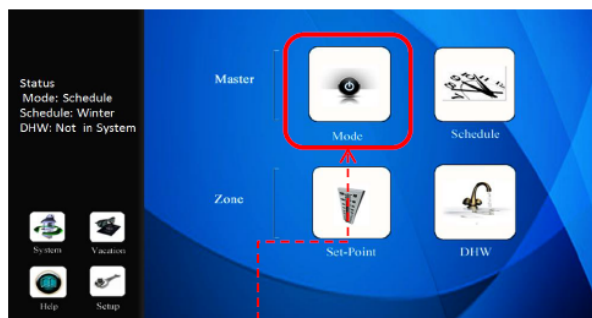
6. Whole House Master Setting



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6.1 Can I switch the whole house to a different setting?



Step 1. Press – Master Setting

Step 2. Select Schedule Heating /DHW Zone

OR

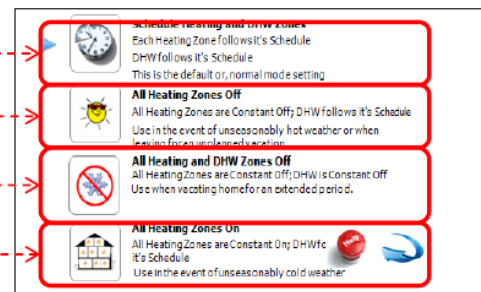
Step 2. Select All Heating Zones OFF

OR

Step 2. Select All Heating Zones ON

OR

Step 2. Select All Heating /DHW/Sch OFF



Note: Each zone will follow it's respective time & Temperature

Note: Summer Time Operation

Note: Zones use their *Default ON* Temp set in Advanced

Note: Frost protect while away
Ufh = Set Back
All other zone Rad/DHW/Sch = Off

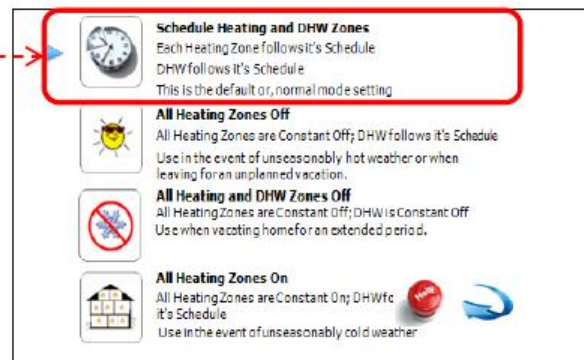
6.2 What master setting should the house be typically set to?



Step 1. Press – Master Setting

Step 2. Select Schedule Heating /DHW Zone

Each zone will follow it's respective time & Temperature



7. Quick View



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7.1 Can I look at all the room temperatures together?



Step 1. Press – System Status

Zone Status					Heating Schedule	Heating Actual
Zn	Name	T	SP	Mode	State	State
1	Zone 1	~	65°C	Schedule	OFF	OFF
2	Zone 2	~	21°C	Schedule	OFF	OFF
3	Zone 3	~	21°C	Schedule	OFF	OFF
4	Zone 4	~	21°C	Schedule	OFF	OFF
5	Zone 5	~	21°C	Schedule	OFF	OFF
6	Zone 6	~	21°C	Schedule	OFF	OFF
7	Zone 7	~	21°C	Schedule	OFF	OFF
8	Zone 8	~	21°C	Schedule	OFF	OFF



Previous
Zone Block



Next
Zone Block



Overview:

This screen displays the statues of each zone

Zn: Zone Number

Name: Zone Name

T Actual zone temperature

SP Desire Set Point Temperature

Mode Norma: Follows Schedule

Stop: Ignore schedule & stay at Set Back

Disable: Ignore schedule & stay at Frost protect

Schedule Heating State


ON If scheduled ON & OFF if scheduled OFF

Actual Heating State

Display the actual stats of the zone

Example:

A zone may be schedule OFF, but if the below it's SB (Set Back) temp the zone will be calling for heat

The status of each zone is display.
Use the  to see further zones

8. User Manuals



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8.1 Where can I find the user manuals?



Step 1. Press – Help



Step 2. Press - User Manuals

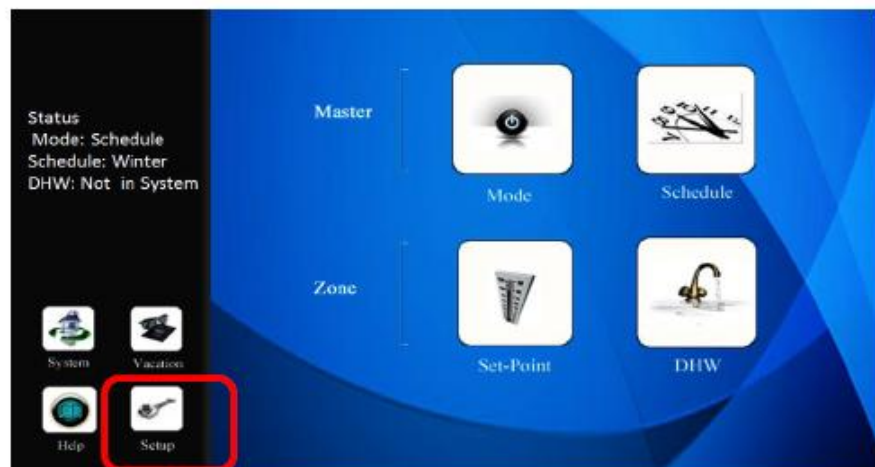
9. Master Clock



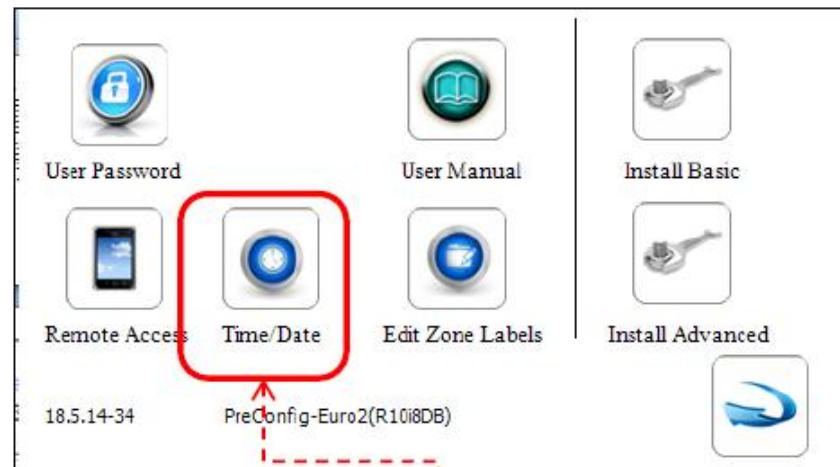
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9.1 How Can I adjust the Master Clock?



Step 1. Press – Set up



Step 2. Press - Time / Date

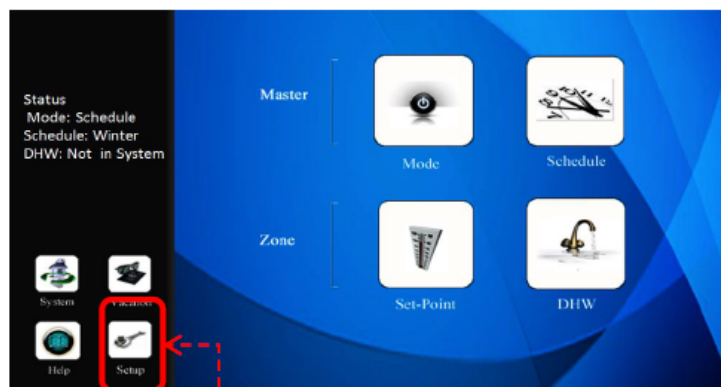
10. Room Names



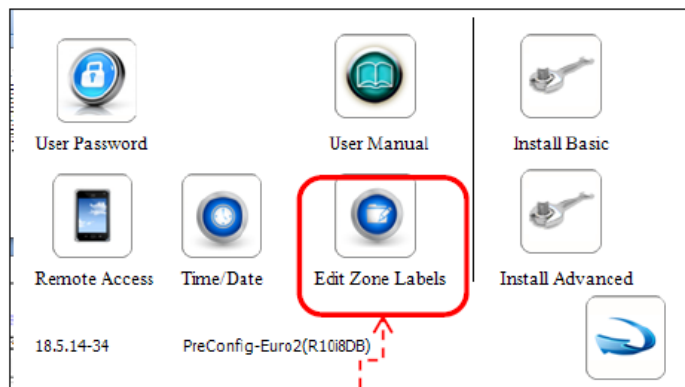
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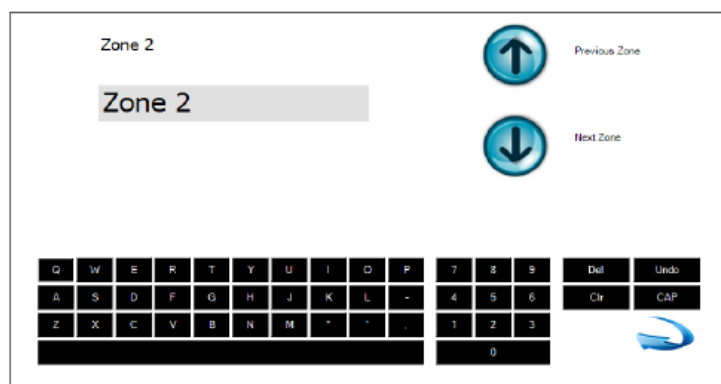
10.1 How can I edit room names?





Step 1. Press – Help



Step 2. Press - Edit Zone Names



Use the keypad to enter names

Use the   keys to move between zones

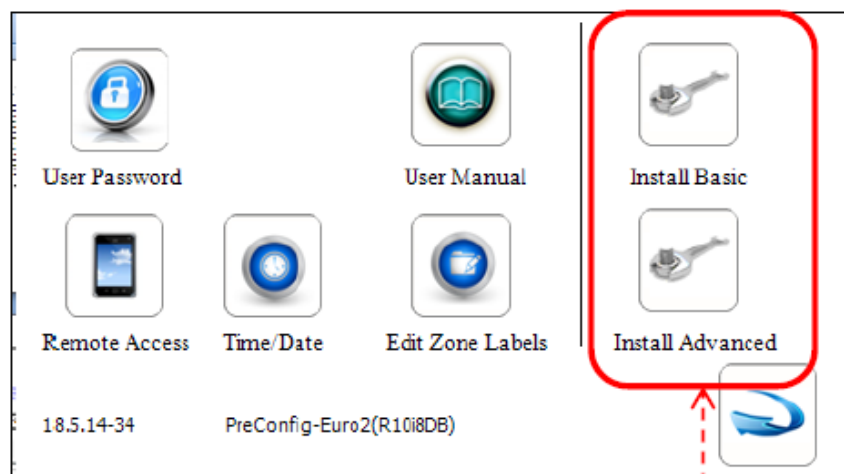
11. Engineering Assess



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11.1 Engineer Access



This area is used to configure the console to manage your dwelling.
This area is restricted to the installer.

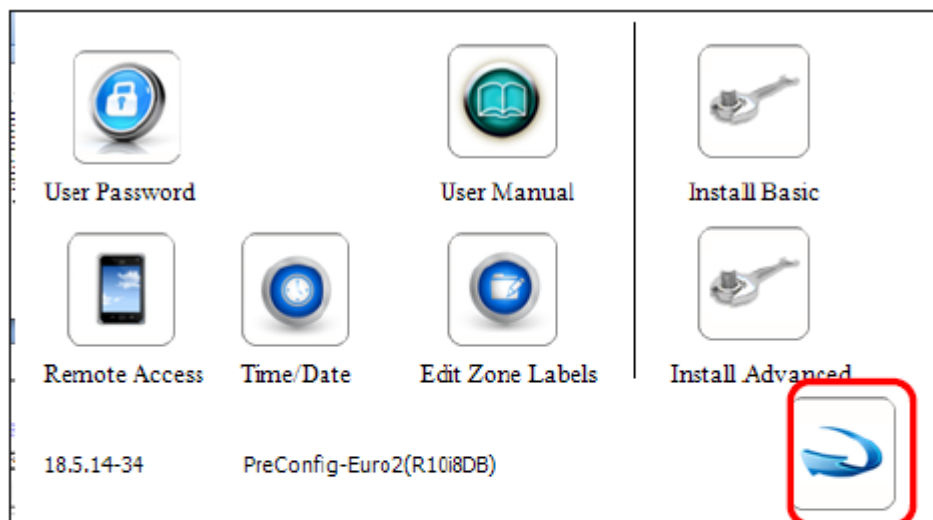
12. Exit



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12.1 How do I get back to the home screen?



Use this return key to step back to the main screen

Thank you



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