

HMH100



HEATMYHOME
BY HEATCOM

USER GUIDE

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UK

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INTRODUCTION

HMH100 fulfills the demands set out in Ecodesign Lot20.

The thermostat is programmable, has adaptive heating and includes an open window function. The control of the floor heating is easily adapted to fit the requirements in different rooms.

A floor temperature limiting function is included, ideal for use together with wooden or engineered floor boards.

The controller can operate using its room temperature or floor temperature sensors individually or in combination.

BUTTONS

BUTTON	SHORT PRESS	LONG PRESS
1	Temperature or setting “up”	Hold 5s to toggle “Screen lock”
2	Temperature or setting “down”	
3	Adjust time and day settings	When in standby, hold 5s to edit events
4	Changes the working mode or “enter” when configuring	
5	Toggle thermostat between standby and ON	



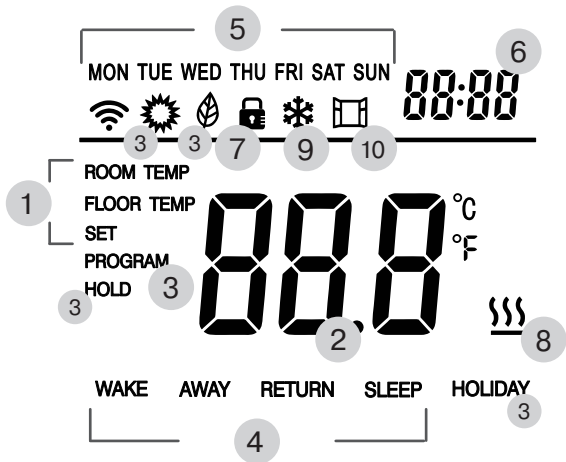
1

2



3

4

5



DISPLAY

DISPLAY	DESCRIPTION
1	Temperature displayed Room ROOM TEMP Floor FLOOR TEMP Target SET
2	Temperature
3	Current operating mode, Comfort  Eco  Auto PROGRAM Manual HOLD Holiday HOLIDAY
4	When in "Auto", shows active "Event" Morning WAKE Away AWAY Home RETURN Night SLEEP
5	Day of the week
6	Time of day
7	"Screen lock" active
8	Heating active
9	Frost protection active (Ensure safe room temperature)
10	Open window active

SET TIME AND DAY OF WEEK

To edit weekday and time of day, press



Weekday is blinking

Adjust with  

Confirm selection 

Hours are blinking

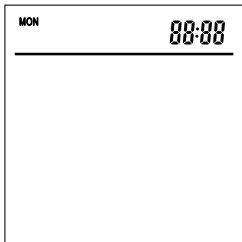
Adjust with  

Confirm selection 

Minutes are blinking

Adjust with  

Confirm selection 



EDIT EVENTS

WAKE


AWAY

RETURN


SLEEP

MORNING		AWAY		HOME		NIGHT	
6:00	20°C	8:30	15°C	17:00	20°C	23:00	15°C

To edit events, make sure thermostat is in standby

Long-press 5s 

Weekday and event type is blinking

Choose event & day  

Confirm to edit **M**

Time is blinking

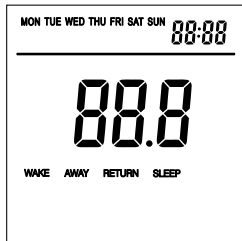
Adjust with  

Confirm selection **M**

Temperature is blinking

Adjust with  

Confirm selection **M**



SET DAYS AWAY ON HOLIDAY

To set number of days away on holiday, make sure thermostat is in standby - Press **M**

F1 is displayed - choose **F4** with **^**

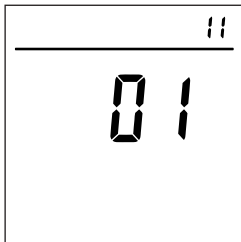
Confirm with **M**

Press **M** untill upper right digits reach **11**

Large digits in center of display indicate the days for holiday

Adjust with **^** **v**
Confirm selection **M**

Save and exit **⏻**




CHOOSE OPERATING MODE

Choose the desired operating mode for the thermostat

Press **M** mode changes for each press

Modes:

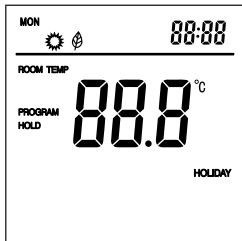
PROGRAM - Auto

 - Comfort (Preset to comfortable temperature)

 - Eco (Preset to low temperature to save energy)


HOLIDAY - Holiday (Lowers temperature for a number of days)

When changing temperature in Auto mode, the thermostat will operate in **HOLD** until next event occurs.



SCREEN LOCK

To toggle the screen lock, press and hold 5s 

When screen lock is active  will be displayed.

USER MENU

This user menu gives access to all settings of the thermostat.

Make sure thermostat is in standby, press **M**

F1 is displayed - choose **Fx** with  

Confirm with **M**


(F1 & F2 is described in detail earlier in the instructions)


DISPLAY	DESCRIPTION
F1	Set time and day of week
F2	Edit events
F3	On status counter for day-month-year
F4	Advanced settings

ADVANCED SETTINGS

Upper right digits indicate the setting currently being edited.

Large digits in center of display indicate the setting value.

Adjust with   Confirm selection **M**

Save and exit 

NO.	DESCRIPTION	FUNCTION	DE-FAULT
01	Sensor application	01 ~ Combined sensor (floor limit active) 02 ~ Room sensor 03 ~ Floor sensor	01
02	Calibrate room temp.	+/- 5.0°C, the calibrated temperature is displayed	0.0 °C
03	Calibrate floor temp.	+/- 5.0°C, the calibrated temperature is displayed	0.0 °C
04	Floor temp. limit	5 to 60°C	35 °C
05	Week type	511 ~ 5 weekdays + saturday +sunday 7 ~ All days different	511


NO.	DESCRIPTION	FUNCTION	DE-FAULT
06	Adaptive heating	ON ~ intelligent heating	OFF
07	Adaptive delay	0 to 40 minutes	20
08	Open window	OFF ~ Disabled ON ~ Enabled	OFF
09	Floor sensor type	Ω @25°C (3K•5K•6.8K•10K•12K•15K•20K•22K•33K•47K)	10K
10	Frost protection	OFF ~ Disabled ON ~ Enabled	OFF
11	Holiday, days away	1 to 99 days	1
12	Hysteresis, heating	0.5 • 1 • 2 • 3 °C	1 °C
13	Display accuracy	0.5 • 0.1 °C	0.5 °C
14	Setting accuracy	0.5 • 0.1 • 1 °C	0.5 °C
15	Restore defaults	No or YES	NO
16	Display when standby	01 ~ Display "Off" 02 ~ Current temperature 03 ~ Display not active	02
17	Temperature unit	°C or °F	°C
18	Power failure state	01 ~ Resume same state 02 ~ Standby 03 ~ On and same mode	01

CONNECTIONS





TERMINAL NO.	DESCRIPTION
N1	Load [N]
N	Power supply [N]
L	Power supply [L]
L1	Load [L]
■	No function
Sensor	Floor sensor kΩ
Sensor	[3•5•6,8•10•12•15•20•22•33•47]

N1	N	L	L1	■	SENSOR
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[Supply]
Max. 16A / 3600W


NTC(KΩ)

Type: HMM100
85-240Vac / 50-60Hz
IP21 S. No:YYYYMMXXXX

PRECAUTIONS

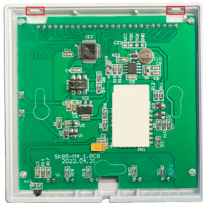
- Do not install thermostat in direct sunlight
- Do not install on severely cold outer walls
- If the thermostat is not in the same room as the heating, the floor sensor only setting can be used
- Install floor sensor min 0.5m from the wall (cable can be extended with up to 7m, min. 2x0.5mm² cable)
- Do not cover the thermostat, this will cause overheating
- All connections to the thermostat must comply with national regulations and be installed by an authorised electrician
- Power supply to the thermostat must be supplied through a 30mA RCD and include overload protection through a suitably rated fuse

INSTALLATION

Remove front panel by loosening the screw in the bottom, pull out on the lower half of front panel.



Assemble by inserting tabs of front panel into base panel, tilt the lower half in and tighten the screw



SPECIFICATIONS

Supply voltage	85-240 V / 50-60 Hz
Max. load	3600 W (16A)
IP class	IP21
Temperature range	+5° C ... +40° C
Sensor settings	Floor / Room / Room with floor sensor as temperature limiter
Display type	2.8" TN LCD backlit
Floor sensor type	10 K Ω @25°C, length 3m
Colour	White, RAL 9003
Dimensions	86 x 86 x 39 mm
Regulations	LVD 2014/35/EU • EMC 2014/30 EU • RED 2014/53 EU • RoHS (EU)2015/1188 ECO Design • REACH regulation (EC) No. 1907/2006

TROUBLESHOOTING

E1: Room sensor error.

E2: Floor sensor error.

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