# harmoni

Call or visit us online
## 01473 559088
www.harmoniheating.co.uk

# Harmoni Pro digital thermostat with Wi-Fi

**Wi Fi**™

For Wi-Fi versions, the app is compatible with iOS & Android, and can be downloaded using the QR code below.

Or search for '*Warmme*'

Available in black or white

The Harmoni Pro series is an intuitive programmable thermostat used to control either electrical or water underfloor heating systems.

It will keep the room at a comfortable temperature whilst minimising energy use. To control the heating system remotely via the Wi-Fi thermostat, install the app on a smart phone.

## TECHNICAL SPECIFICATIONS

|  | Electric | Water |
|---|---|---|
| Max switch load | 16A | 3A |
| Supply voltage | 85–265Vac 50/60Hz | |
| Standby power | <1W | |
| IP class | IP21 | |
| Cable specification | ≤2.5mm² | |
| Switching Differential | 0.5*c – 3*c | |
| Accuracy +/– | 1*C | |
| Set Temperature Range | 5*c(41*f) – 50*c (122*f) | |
| Face Plate Dimensions L×W×D | 136mm × 94mm × 15mm | |
| Weight | 175g | |
| Back Box Requirement | 35mm Single gang | |
| Wi-Fi Functionality | Yes | |

## KEY FEATURES

Large screen
Holiday mode
Energy use function
2-year warranty

Manual / Automatic / Anti-frost mode
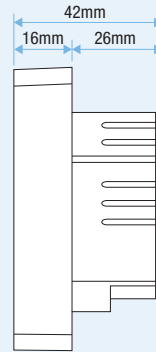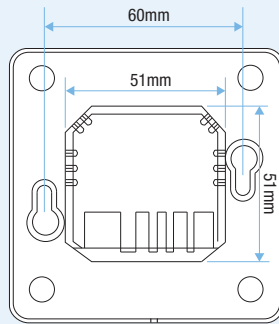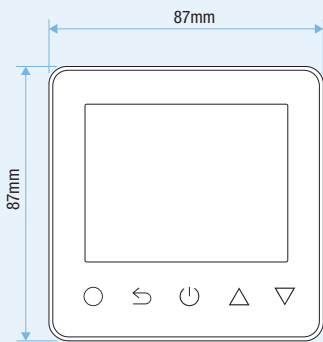24/7 programming
Air / Floor / Both sensor selection

Edison House
Edison Close
Ransomes Europark
Ipswich, Suffolk IP3 9GU

Tel: 01473 559088
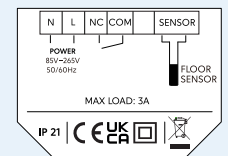Email: sales@harmoniheating.co.uk
Web: www.harmoniheating.co.uk

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## DIMENSIONS & WIRING DIAGRAMS

87mm

87mm

60mm

51mm

51mm

42mm

16mm | 26mm

POWER | FLOOR SENSOR

### 16A
**Electric**
Underfloor Heating

| N1 | N | L | L1 | S2 | COM | S1 |

POWER
85V~265V
50/60Hz

FLOOR SENSOR

MAX LOAD: 16A

IP 21 | CE | UK CA

### 3A
**Water**
Underfloor Heating

| N | L | NC | COM | SENSOR |

POWER
85V~265V
50/60Hz

FLOOR SENSOR

MAX LOAD: 3A

IP 21 | CE | UK CA
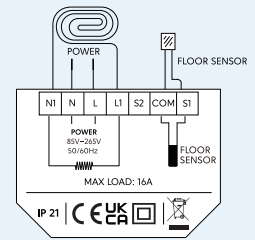
## MORE FEATURES

| | | | |
|---|---|---|---|
| Backlit screen | Yes | Temperature format | *c –*f |
| Non-programmable mode | Yes | Sensor selection | Air / Floor / Both |
| 7 Day programming mode | Yes | Built-in air sensor | Yes |
| 24 Hour mode | Yes | Remote air sensing mode | No |
| Set points per day | 4 | Remote floor sensing mode | Yes |
| Holiday mode | Yes | Remote probe included | Yes |
| Key lock function | Yes | Modbus function | No |
| Energy use function | Yes | Switching differential | 1*c – 3*c |
| Frost protection (5*c – 15*c) | Yes | Supply | 230v AC |

## DEFAULTS & RANGES

| Number | Name | Default | Ranges |
|---|---|---|---|
| 1 | Room temperature calibration | 0.0°C | −5.0°C – 5.0°C |
| 2 | Floor temperature calibration | 0.0°C | −5.0°C – 5.0°C |
| 3 | Anti-frozen function | ON | OF(OFF) ON |
| 4 | Anti-frozen temperature | 5.0°C | −5.0°C – 15.0°C |
| 5 | Sensor selection | 01:Floor sensor | 00: Room sensor │ 01: Floor sensor │ 02: Both sensors |
| 6 | Floor temperature limit | 30.0°C | 20.0°C – 50.0°C |
| 7 | Temperature unit | 0.0°C | 00:°C │ 01:°F |
| 8 | Output delay | 0 seconds | 0s │ 01: 30s │ 02: 60s │ 03: 90s |
| 9 | Temperature deviation | 01:1.0°C | 00: 0.5°C │ 01: 1.0°C │ 02: 2.0°C │ 03: 3.0°C |
| 10 | Reverse output | 00: OFF | 00: OFF │ 01: ON |
| 11 | Schedule | 01: 5+1+1 | 00: 7 │ 01: 5+1+1 |
| 12 | Adaptive function | 00: OFF | 00: OFF │ 01: ON |
| 13 | Reset | 00: No | 00: NO │ 01: YES |