

## SPECIFICATIONS & FEATURES

# Harmoni 50 touchscreen programmable thermostat

### Overview

The stylish Harmoni 50 incorporates the latest technology, making it one of the most efficient underfloor heating controls available. Precise temperature control is guaranteed using pulse width modulation with optimum start & end programming, as well as open window detection.

Designed for fixed installation only, the Harmoni 50 can be used for both direct heating of the entire room and for comfort heating of the floor.

### Specifications

Colour	White
Dimensions	85(H) × 85(W) × 20–24(D)mm (in-wall depth: 22mm)
Display size (screen)	51 × 51mm
Mains voltage	220–240 V~
Switching capacity	16A
Standby power consumption	Max. 0.40 W
Temperature range	Room temperature: 5°C to 30°C Floor temperature: 5 to 35°C Max. floor: 20 to 45°C (if unrecoverable seal is broken) Min. floor: 10 to 35°C (only with combination of room & floor sensor)
Sensing values	Default NTC 15 kOhm at 25°C 0°C at 42 kOhm 20°C at 18 kOhm 50°C at 6 kOhm
Relay	Resistance load: Max. 16A/3680W @ 230V Inductive load: cos φ = 0.3 Max. 1 A
Ambient temperature	0° to +30°C
Frost protection temperature	5°C to +9°C (default 5°C)
Storage temperature	-20°C to +65°C
Sensor failure monitoring	Thermostat has a built-in monitoring circuit, which will switch off the heating if the sensor is disconnected/shortcircuited.
Control	PWM (Pulse Width Modulation)
Programming	7 day programmable
Cable specification max.	1×4mm <sup>2</sup> or 2×2.5mm <sup>2</sup>
Weight	103 gm
Pollution degree	2 (domestic use)
Controller type	1C
Software class	A
IP class	21
Protection class	Class II – □
Wi-Fi compatible	No

### Features

- Easy to follow setup wizard
- Large screen with intuitive touch screen operation
- Advanced energy saving features
- Floor sensor included
- Stylish modern design
- Compatible with numerous 3rd party NTC sensors & support for multiple frame systems
- 5-year warranty



Harmoni 50 is the perfect alternative to the DEVIreg Touch Programmable Thermostats and can be used with all DEVI products.



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