OJ Microline® Voice and WiFi Thermostat

MWD5-Voice

- Remote access and control via user-friendly app

- Voice control

- Simple set-up with installation wizard

- For individual control or heating zone control

- No gateways required

works with Google Home

Compatible with Amazon Alexa

Full control. Any time, anywhere.

The OJ Microline® Voice and WiFi Thermostat MWD5 allows users to control electric underfloor heating systems on any scale via an app, giving them easy access to full control.

Key features are

- Troublefree setup and use
- No Gateway required
- The OJ Microline® app (iPhone and Android™) features a variety of system control options
- Voice control compatible with Amazon Alexa and with Google Assistant-enabled devices
- Redundant control – full control at thermostat
- Full app control of
  - Heating Zones
  - Individual thermostats
  - Heating schedules
  - Heating Modes
- Support of Multiple User Access

Individual control or heating zones? You decide

With the OJ Microline® Voice and WiFi Thermostat MWD5 users can choose to have each thermostat individually controlled – or to combine them in one or more jointly controlled heating zones.

The system can be easily expanded and reconfigured to match changing needs.

Remote accessibility and voice control

The OJ Microline® app makes it easy for users to organise their thermostats to exactly match their temperature control needs. What is more, detailed information on energy consumption etc. allows users to control the heating to maximise their energy savings.
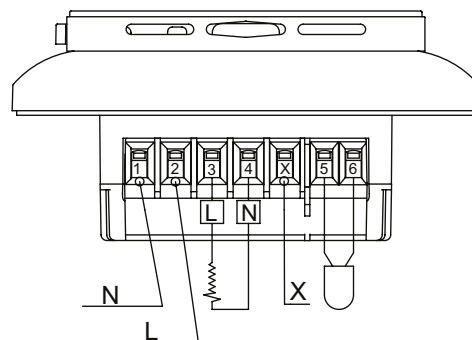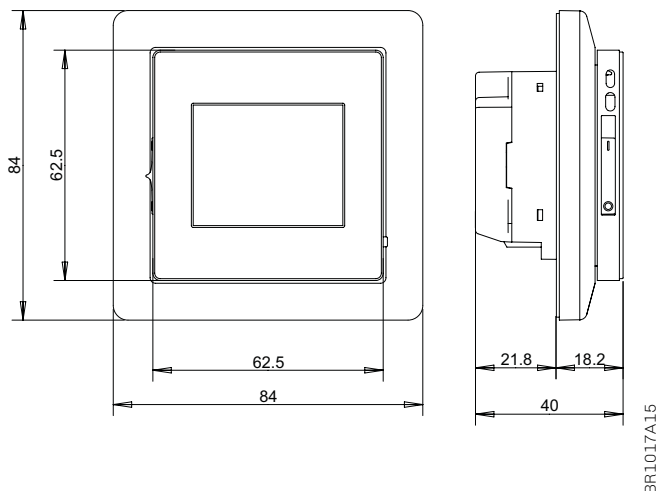
Users can control the thermostat using just their voice with Amazon Alexa or Google Assistant-enabled devices.

High system accessibility
– even if Internet access is interrupted

The robust system design means that users will retain full control of the heating even if their Internet access is interrupted.

Users can always access all programming options and functions via the built-in display you already know from the OJ Microline® Touch Thermostat MCD5 2" colour touchscreen.

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Easy, fully guided commissioning

Each OJ Microline® Voice and WiFi Thermostat MWD5 has built-in WiFi, which means that you won't need any additional components such as gateways.

The built-in wizard takes you simply and swiftly through every single step, ensuring trouble-free commissioning.

Connecting to the app takes seconds

The user-friendly OJ Microline® app, available for Android and IOS, offers detailed assistance on how to install and connect with the MWD5 thermostat.

Key features are

- Multiple languages for highest user-friendliness
- Wizard guidance for trouble free installation
- Integrated QR-reader for easiest connection with thermostats
- Full graphical user interface for ease of use
- Extensive system information for easy support

PRODUCT PROGRAMME

Type	Product
MCD5-1999-xxPx	2" Touch Thermostat
MWD5-1999-xxPx	2" Touch + Wifi Thermostat
MWD5-1999-xxCx	2" Touch + Wifi + Voice Control Thermostat

TECHNICAL DATA

Purpose of control	Electrical underfloor heating
Method of mounting.	Wall mounting in a socket or mounting box
Supply voltage	100-240 VAC ±10% 50/60 Hz
Max. pre-fuse	16 A
Built-in interupter	2-pole, 16 A
Enclosure rating	IP 21
Wire size, terminals	Current ≤ 13 A - 1.5 mm^2, solid core wire Current > 13 A to 16 A - 2.5 mm^2, solid core wire
ELV limits realized	SELV 24 VDC
Output relay	Make contact - SPST - NO
Output, load	Max. 16 A / 3600 W
Max. Load/supply	1800 W at 120 Vac 3120 W at 208 Vac 3600 W at 240 Vac
Control principle	PWM/PI
Standby consumption	≤0.5 W
Battery backup	5 years (storage)
Battery life, typical	5 years (storage) 10 years (powered)
RF frequency band*	2.4 GHz
WIFI	IEEE 802.11 b/g/n - 2.4GHz
Security	WPA/WPA2
Dimensions	H/84, W/84, D/40 mm
Build-in depth	22mm
Weight	≤200 g
Display	176x220 pixels TFT - resistive touch
Control pollution degree	2
Overvoltage category	III
Type of action	1.B
Software class	A
Rated impulse voltage	4kV
Ball pressure temperature (TB) 125°C	
EU registered design	DM/082270

Note: At very low ambient temperatures the display may respond slowly.