

OJ Microline® WiFi Thermostat



MWD5-UA

- Remote access and control via user-friendly app
- Simple set-up with installation wizard
- For individual control or heating zone control
- No gateways required

Full control. Any time, anywhere.

The OJ Microline® 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
- 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® 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.

Easy control – and full details

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.

High system accessibility – even if Internet access is interrupted

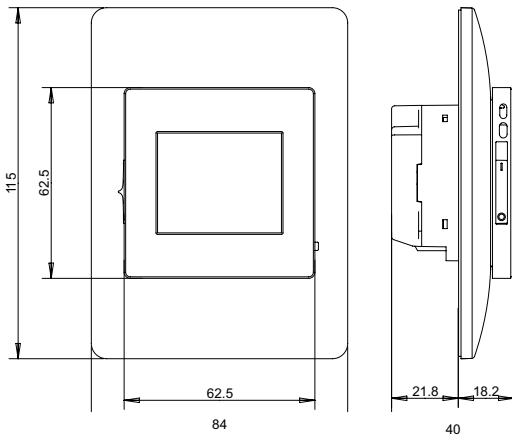
The robust system design means that users will retain full control of the heating even if their Internet access is interrupted.

Users can always access all programming options and functions via the built-in display you already know from the OJ Microline® Touch Thermostat OCD5/MCD5 2” colour touchscreen.

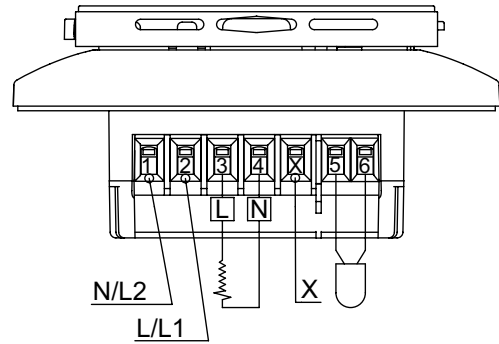


Intelligent Control
Maximum comfort with
low energy consumption

Save up to 36% CO₂



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Easy, fully guided commissioning
 Each OJ Microline® 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

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 | OxD5: H/82, W/82, D/40 mm MxD5: H/84, W/84, D/40 mm MxD5-UA: H/115, 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.

Supplied by **COLDBUSTER** Pty.Ltd.
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