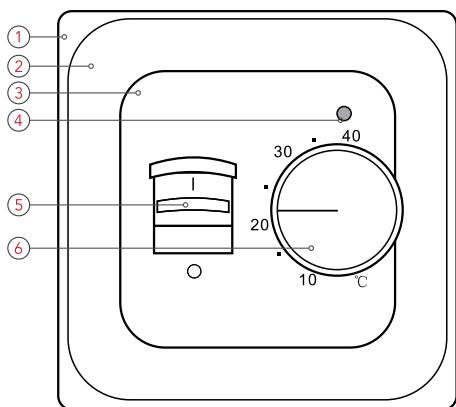


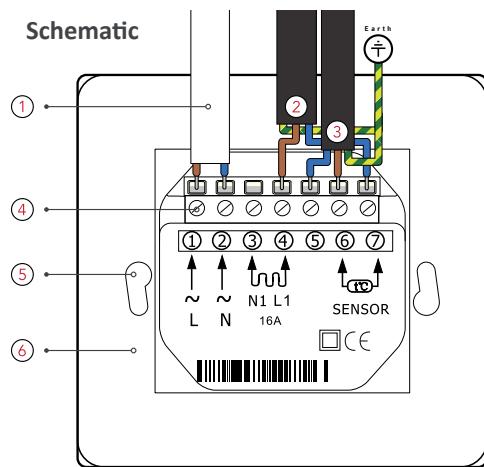
## THERMOSTAT INSTALLATION GUIDE: MANUAL THERMOSTAT

**Front**



- (1) Back
- (2) Face plate
- (3) Face plate
- (4) LED
- (5) On & off switch
- (6) Temperature dial

**Schematic**



- (1) Sensor probe
- (2) Mains cable
- (3) Heating system
- (4) Tension screw
- (5) Screw fixing hole
- (6) Back plate

### INSTALLATION: INTRODUCTION

A conduit should be in place prior to installation. This conduit receives the sensor probe allowing to be removed where necessary.

### STEP 1: TEMPERATURE DIAL & REMOVE FACE PLATE

Firstly remove the temperature dial using a flat head screw driver. Now unscrew the captive screw situated to the left under the temperature dial using a cross head screw driver, and remove the face plate.

### STEP 2: WIRE YOUR 5250

The Orbry Manual Thermostat fits on a single gang back box, flush or surface, 25mm deep. Firstly insert the sensor probe supplied into the back box and down into the conduit. Then connect the sensor probe and mains cable to the Orbry Manual Thermostat (See schematic above). Ensure that the wiring is adequate for the total load of the underfloor heating system. If installed into a metal back box, earthing of the back box is required.

### STEP 3: INSERT INTO A BACK BOX

Secure the back plate and main body to the back box with the 3.5mm screws provided. Tidy the cables during installation to avoid entrapment and cable damage. Now reposition the face plate surround and tighten the captive screw.

#### FINAL CHECKLIST

- Fix and secure the thermostat properly
- Fully earth to a metal back box
- Configure minimum and maximum temperature
- Safely connect to mains supply

### OPERATION: POWER UP AND CONTROLS

Use the on/off switch to turn the unit on and off. The LED positioned on the front of the Orbry Manual Thermostat will light up once on. Turn the temperature dial to select a desired temperature. **Do not turn on the underfloor heating system until all adhesives and levelling compounds have fully cured. Consult manufacturer guidelines for curing times.**

#### ✓ PRO TIP:

When the room temperature has been stabilized, the thermostat set position may be adjusted to match the actual floor temperature. Measure the temperature of the floor with an accurate thermometer. Remove the temperature dial so that the indicated temperature line shows the same as the measured temperature.

#### ✓ PRO TIP:

A locking mechanism is positioned behind the temperature dial to limit the minimum and maximum temperatures. To adjust simply remove the temperature dial, loosen the small screw on the right and manoeuvre the green rings to your desired minimum and maximum. Please note it is not advised to run the underfloor heating system over 28°C.

#### ! IMPORTANT SAFETY PRECAUTIONS !

- !** A fully qualified and certified electrician should install this product.
- !** To prevent fire or electrical shock, do not expose this product to moisture or wet zones.
- !** Do not adjust the set temperature once installed.