

RoomMaster



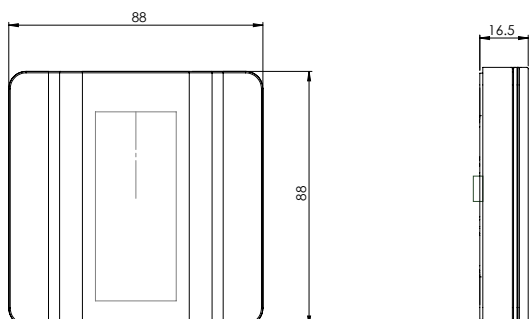
Application

RoomMaster is a control unit for measuring temperature, humidity, air quality, brightness and volume. It is connected either to the mains supply 230 VAC or to a FlatMaster 24. The different devices communicate with each other via WiFi, Bluetooth or LoRa.

The RoomMaster has an AI control algorithm that automatically sets and optimizes all control parameters.

Specifications

Measured value	Range	Accuracy
Temperature	0 ..40°C	±0.4 °C
Humidity	0...100% rF	±4% rF
Air quality (VOC)	0...2000	
Brightness		
Volume		
Power supply	24V / 100mA	
Dimensions	88 x 88 x 16.5 mm	
Communication:		
WiFi, Bluetooth, LoRa		
SAGB (Simple AirGate Bus)		



Variants of the display unit

The RoomMaster display unit is available in 2 versions: with or without LoRa. Both versions are identical in design and compatible with any mounting base.

The display unit is simply plugged onto the lower part.

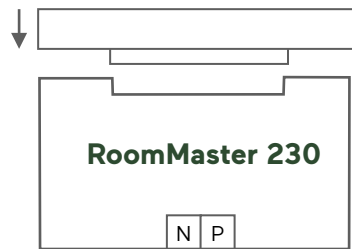
The RoomMaster always consists of a display part (2 variants) and a mounting base (5 variants), which can be combined with each other.



RoomMaster 230

The RoomMaster 230 is intended for direct connection to the 230V network. Communication with other devices then takes place via WiFi or LoRa.

The RoomMaster 230 is delivered in an in-wall housing. For surface mounting, there is a corresponding mounting frame (see below).

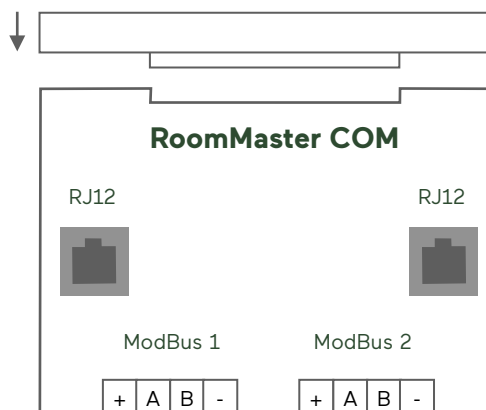


Electrical connection

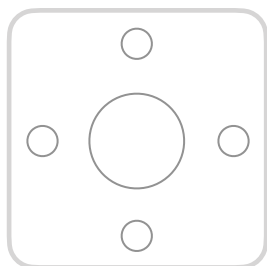
RoomMaster COM

The RoomMaster COM is intended for connection to a BoxMaster, FlatMaster or a TempGate via the ModBus. It receives its power supply from the corresponding device and has an additional ModBus connection.

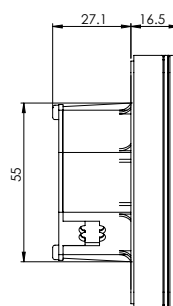
For surface mounting, there is a corresponding mounting frame (see below).



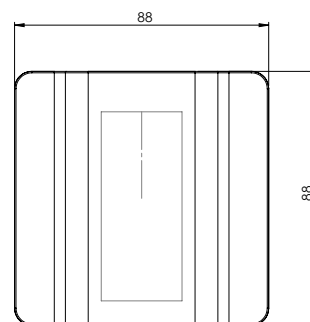
Electrical connection



Mounting frame for surface mounting



Flush-mounted

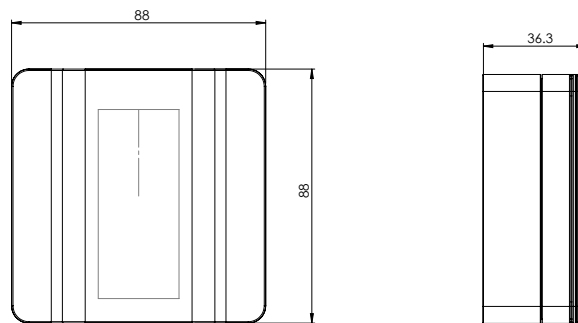


Front view

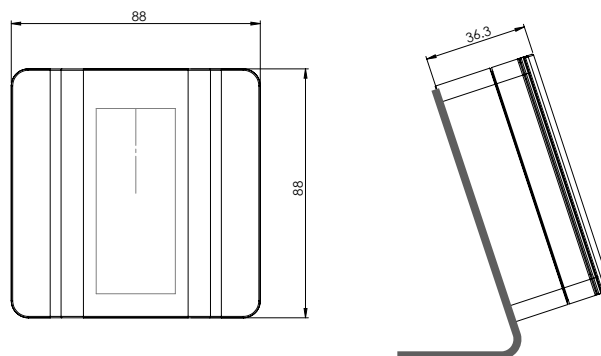
RoomMaster BAT

The RoomMaster Bat is intended for power supply by means of a battery. The communication with other devices is then performed via LoRa.

It is available as a surface-mounted and stand-alone version.



Mounting frame for surface mounting



Mounting frame stand-alone

Commissioning

The RoomMaster is put into operation with the Climeo App*, which happens almost completely automatically.

If you want to enable the IoT-capable control (storing data in the cloud), you need a WiFi router with Internet access (must be configured) or a LoRa module.

Using the app is very easy. The app is free of charge and updates itself automatically.

