

MTronic Power Panel

POWER SPECIFICATIONS

Input Voltage	230 VAC, 50/60 Hz
Standby Power	< 1 Watt
Max Load	16 A (Resistive load) 16(3) A (Heating/cooling equipment)

CONNECTIVITY SPECIFICATIONS

Interface	Short-Range Mesh Technology 5.0, IEEE 802.15.1
Control Method	Touch and Wireless
Dependency	MTronic MHub
Compatibility	Google Home, Amazon Alexa

TEMPERATURE AND HUMIDITY SPECIFICATIONS

Working Temperature	-25°C to +50°C
Humidity	85%

PHYSICAL SPECIFICATIONS

Item Type	Switch
Available Colors	White, Black, Gold, Grey
Material	PC V0 Flame Retardant and Tempered Glass
Mounting Type	Flush-Mount
Dimensions	86 x 86 x 36 mm

RADIO SPECIFICATIONS

Wireless Communication	Short-Range Mesh Technology
Short-Range Mesh Technology Frequency	2.402-2.480 GHz

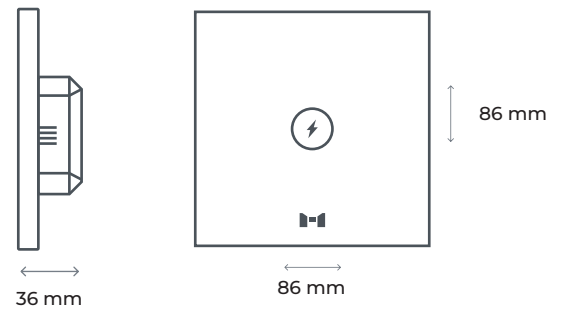
DESCRIPTION

MTronic Power Panel is a smart switch that allows you to control your heavy-duty appliances and heating/cooling equipment by tapping on the gang manually and by using the MTronic applications.

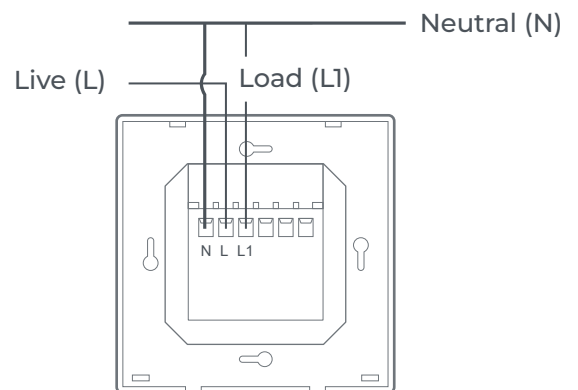
WORKS WITH

- MTronic Web Portal
- MTronic Android Application
- MTronic iOS Application

TECHNICAL DRAWING IN MM



WIRING DIAGRAM



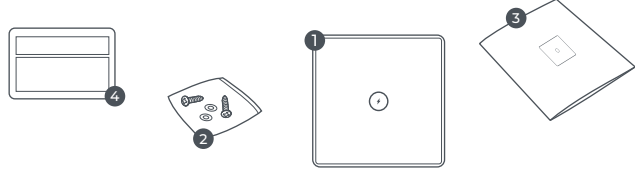
ANTENNA PROPERTIES/ ANTENNA GAINS

Transmitter Power	+9dBm
Antenna Gain	3.96 dBi



## IN THE BOX

1. MTronic Power Panel x 1
2. Screws x 2
3. Quick Start Guide x 1
4. Warranty Card x 1



## SAFETY INSTRUCTIONS

**▲ Danger!**  
Note about hazard

**⚠ Warning!**  
Note about potential hazard

### Do's

- ▲ 1. Tighten or loosen the screws when no Live wire is connected.**
- ⚠ 2.** Use the device only under 2000m altitudes.
- ⚠ 3.** Since the installation requires working with high voltages, it **MUST** be installed and uninstalled by an expert electrician.
- ⚠ 4.** Ensure there are appropriate fuse/circuit breakers installed for the space and turn them off before installation. Turn them on only after the installation is done.
5. Turn the circuit breakers off before installation. Turn them on only after the installation is done.
6. Wear insulation gloves, use wire nuts/electrical insulation tape to insulate the wire joints or stripped parts of the wire, and trim the extra wire to avoid electrocution and short-circuiting.
7. Use a wire gauge to select the wire size as required. Use 26~14 AWG solid or stranded wire preferably.
8. Make sure the panel has no gap with the wall that allows its removal with bare hands. Also ensure that the screw terminals and wires in it are correctly seated.
9. Use a slotted screwdriver that fits well in the casing lock, or it will damage the lock.
10. Operate the device only within indoor environments to keep it sheltered from all weather conditions.
11. After installation, clean the glass top of the device well such that it has no grease, moisture, or covering on it.

### Don'ts

- ▲ 1. The device must not be used in an explosive atmosphere.**
- ⚠ 2.** Do not open the device by yourself nor use it if any of its parts is broken.
- ⚠ 3.** Do not place the device in an exposed setting after connecting the load.
- ⚠ 4.** Do not connect a load higher than the power rating of the device.
- ⚠ 5.** Do not interchangeably use the Neutral and Live wires.
- ⚠ 6.** Do not try to repair the device by yourself.
7. To avoid damage to the circuitry, do not tighten the mounting screws more than required.
8. Do not allow children to play with the device or its packaging as its plastic film and small components may pose a choking hazard to them.
9. Do not install the device in damp rooms or wet areas.
10. Do not use a dripping wet cloth to clean the device.
11. Do not dispose-off the device with other household garbage. It should be recycled according to the National regulations.
12. Do not leave the space between panel and wall as the water may seep in to the panel only from the wall.
13. Do not remove the WARRANTY VOID sticker as it voids the warranty.
14. Do not try to remove the glass casing using bare hands, it can only be removed by inserting the slotted screwdriver in casing locks.

**Note:** MTronic Power Panel has a safety feature of 5-second gap, which signifies if you turn ON the panel and then turn it OFF, you cannot turn it ON within 5 seconds.

## FAULT CORRECTION AND MAINTENANCE

### Warning

Opening the device by yourself nullifies the warranty. Generally, the device is maintenance-free and would not require to be opened.