Instruction Manual

RMT-1200

1200W Trailing Edge Wireless Dimmer

2025
Version 2.0.1

Contents

1.0 What is the RMT-1200?

The RMT-1200 is a trailing edge dimming module designed for mains dimmable LED's and trailing edge dimmable loads.

RMT-1200 dimmers are not suitable for inductive loads such as wire-wound transformers or electric motors.

2.0 Loadings

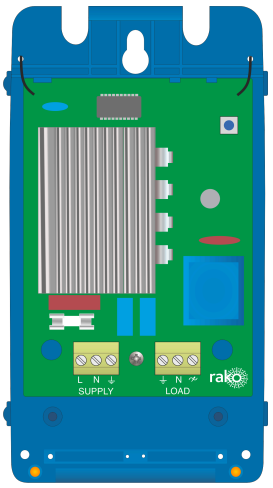
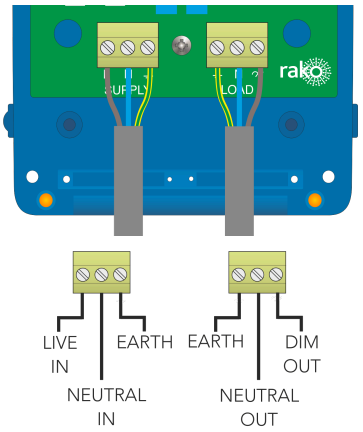
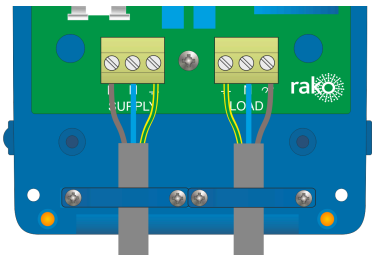
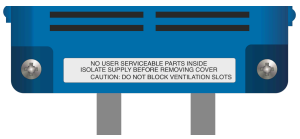
Minimum	1W
Maximum	1200W
Low-voltage transformer loads	1080W (de-rate by 10%)
Mains voltage LEDs	600W (de-rate by 50%)

3.0 Installation of the RMT-1200

⚠WARNING

Installation should only be carried out by a competent electrician.

- RMT-1200 modules should be mounted in adequately dry and ventilated areas outside of any enclosed metal casings that may interfere with the wireless signal.
- Modules should be mounted vertically, with the terminals at the bottom.
- Ensure that cable clamps are securely fitted on the supply and load cables.
- While the modules are designed to be completely maintenance-free, they should be mounted in an accessible location should investigation or re-addressing of the units be necessary.

1		Remove the cover by removing the two screws at the bottom of the unit, pulling the bottom of the cover away from the bottom, and lifting it up.
2		Insert the supply IN cables as well as the load OUT cables.
3		Fit the supplied cable clamps and ensure the cables are unable to move.
4		Replace the cover and replace the screws.

4.0 Initial Checks

- When power is initially connected to the module, the load should power up to full brightness.

- The button on the top right of the unit can be used to put the device into set-up mode as well as to toggle the load on and off for testing purposes.

- The LED on the circuit board flashes four times when the module receives any Rako Wireless message, and it is a useful diagnostic indicator. This function becomes inactive after 20 minutes to avoid a nuisance light spill but can be reactivated by pressing the setup button. For more information on LED diagnostics, see 6.0 Appendix 1: LED Diagnostics.

5.0 Programming the RMT-1200

Once the RMT-1200 has powered up and has been tested with the setup button, the device is ready to be programmed.

Programming using a RAMPI or HUB
Wireless System Setup Guide

Programming using an RCM Keypad
Programming With An RCM Guide.

For further general information relating to the RMT-1200, see the Wireless Module Application Sheet.

Thank you for choosing Rako Controls; we hope that you are pleased with your system. Should you require further assistance, please contact us via our website, www.rakocontrols.com call our customer support helpline on 01634 226666. The office address is Rako Controls Ltd, Knight Road Rochester, ME2 2AH.

6.0 Appendix 1: LED Diagnostics

Wireless Range	LED Pulses	Description
Good wireless reception		When the unit is receiving successfully, there will be four rapid pulses on the LED when any wireless message is sent.
Bad wireless reception		When the unit is out of range, there will be intermittent pulses on the LED when any wireless message is sent. NB It is recommended to install a wireless repeater (WRB-100) if you are experiencing intermittent wireless range.

Should the module not respond to any of the above, check the supply voltage.

For additional diagnostic information, see the Wireless Device LED Diagnostics