



Wireless  
data sheet

## RMT500

500VA TRAILING EDGE DIMMER



### WHAT IS IT ?

A compact 500W RF dimmer designed to fit through a standard down-light cut-out.

The dimmer is connected in-line before the first lighting fitting to enable dimming of up to 500W of trailing edge dimmable loads.

Trailing edge dimming technology gives smooth quiet dimming of electronic transformer fed loads and maximises dimming performance of most LED fittings.

Controlled from any Rako Rakom RF device, for example the RCM/RNC, RK-EOS or RK-MOD push button keypads.

The RMT500 in-line RF dimmer for GU10 LED lamps, tungsten, low-voltage halogen and other trailing edge dimmable loads.



### IN CONTROL

Designed to fit in a ceiling void or cupboard, the RMT500 trailing edge dimmer can control up to 500W of mains dimmable lighting loads. The RMT500 uses trailing edge dimming technology to maximise the performance of most dimmable LED fittings (refer to Rako Controls for compatibility and maximum loadings).

The RMT500 has rising clamp terminals and mounting brackets for easy installation. Manual On/Off control is available using the set-up button for testing without the module needing to be addressed.

Programmed using either an RCM wall-plate or RASOFT Pro software suite, the RMT500 stores the House, Room and Channel address plus 16 preset scene levels in a non-volatile memory.

The RMT500 dimmer can be controlled from any Rako transmitter such as RCM, RNC, RK-EOS or RK-MOD keypads, RK-HUB and RK-PIR‡. It can also be controlled from a wired network via a WK-HUB.

NOTE – THE RMT500 IS NOT SUITABLE FOR USE WITH INDUCTIVE OR WIRE-WOUND LOADS.

For more information:

[Rako Overview Application Sheet](#)

[Wireless Module Application Sheet](#)

‡Requires a RK-HUB or WK-HUB



Wireless  
data sheet

# RMT500

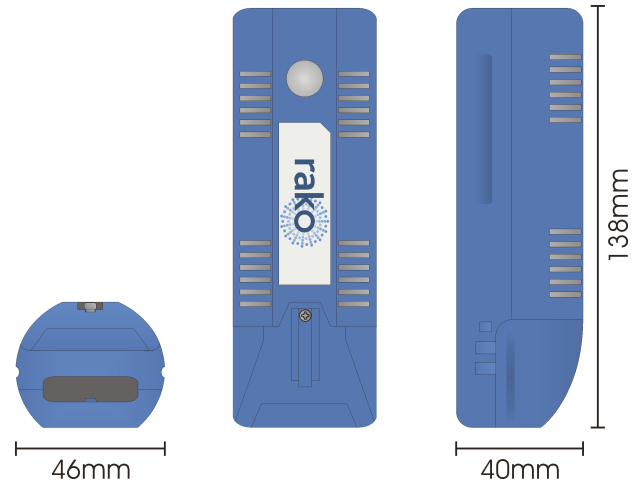
500VA TRAILING EDGE DIMMER



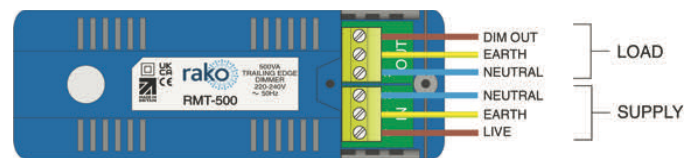
## technical data

dimensions	138x46x40mm
input supply	230V AC +/-10% 50Hz
weight	120g
housing	UL V0 material
climate range	Temperature +2C to +40C Humidity +5% to 95% non condensing
connections	3 way screw terminals for mains power
protection	Auto resetting over current protection Auto thermal shutdown Voltage surge protection
load types	Mains Dimmable LEDs Incandescent mains voltage lamps Tungsten halogen GU10 lamps Trailing edge dimmable LV transformers Trailing edge dimmable cold cathode
minimum load	1w
maximum load	500VA refer to Rako for appropriate LED derating
terminal sizes	4mm <sup>2</sup>
standards	Emissions - EN61000-6-3 : 2001 Immunity - EN61000-6-1 : 2001 RoHS CE
communication	Rakom coded fm radio, 433.9MHz
memory	Flash memory (non volatile)

## mechanical data



## connection details



telephone +44 (0) 1634 226666 [www.rakocontrols.com](http://www.rakocontrols.com)