

RF RGBW Controller

ML-2819T8 works with ML-1009FAWi



- 8 zones, long press can turn on/off each zone
- Press-button RGBW controller
- Receivers work with WIFI-RF convertor to be controlled by smart phone



Parameter

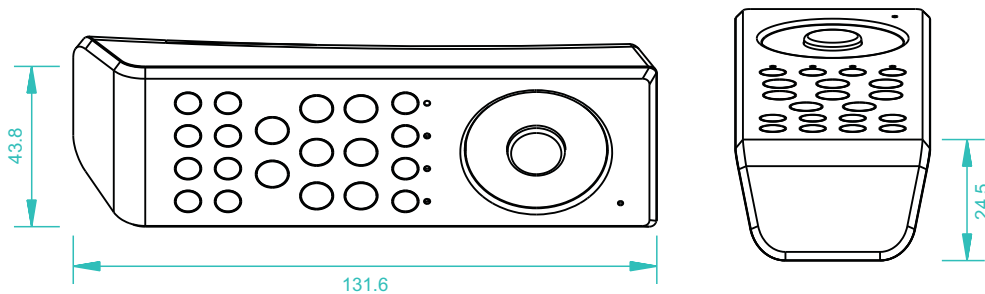
Remote

Part No.	Operation Voltage	Operation Frequency	DIMENSIONS ø/h (mm)
ML-2819T8	4.5VDC	434MHz	43.8x131.6x24.5

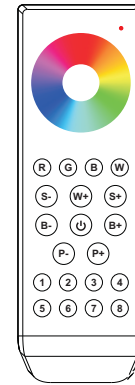
Receiver(purchased separately)

Part No.	Input Voltage	Current	Output	Remarks
ML-1009FAWi	12-36VDC	4x5A	4x(60-180)W	Constant voltage

Product Size

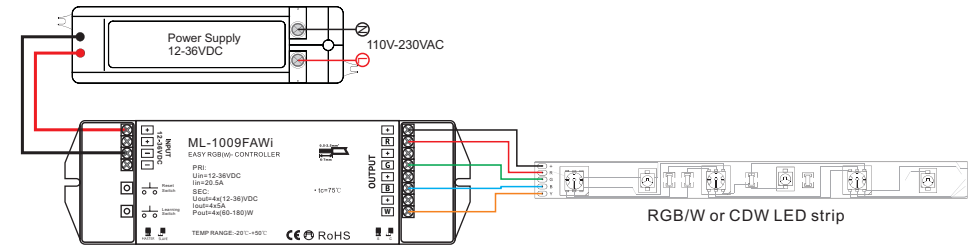


Brief introduction of buttons



- Working status indicator, the sender is in dormant status when the indicator is off. The sender is under working when the indicator is flashing rapidly. If the indicator continues flashing at the frequency of 1 second, it indicates that the sender batteries are low and needs replacement new batteries.
- Touch wheel for selecting R/G/B colors
- **R** **G** **B** **W** Short press: switch on/off each channel; Long press: dim up/down each channel
Note: If you press R, then press G, then it is mix color of R and G. If you want to get G color directly, please press R to switch off of R first. Then press G.
- **S-** Speed down when color is changing **S+** Speed up when color is changing
- **B-** Brightness down **B+** Brightness up
- **U** Turn ON/OFF
- **P-** **P+** Build-in 10 Dynamic modes, P- is previous mode, P+ is next mode.
- **1 2 3 4** are zone numbers, long press switch on/off each zone. Short press is to choose a zone. To synchronize several zones, short press 2 or more buttons one after another.

Wiring diagram



Operation

1. Do wiring according to connection diagram and install battery into remote control.

2. How to learn & delete ID process?

- Turn on the remote by
- Short press at Learning Key on receiver.
- Press any zone button (which you desire to control) on remote, for example **1**.
- Then touch color wheel
- Connected LED light will blink to confirm zone designation.

How to reset to factory default: Long Press Learning Key on receiver for over 5 seconds until connected LED light flash off, to delete the learned ID, the receiver will be reset to factory default. If you want to learn receiver into another zone, please follow learning ID process operation 2.

Safety & Warnings

- 1) The product shall be installed and serviced by a qualified person.
- 2) IP20. Please avoid the sun and rain. When installed outdoors, please ensure it is mounted in a water proof enclosure.
- 3) Always be sure to mount this unit in an area with proper ventilation to avoid overheating.
- 4) Please check if the output voltage of any LED power supplies used complies with the working voltage of the product.
- 5) Never connect any cables while power is on and always assure correct connections to avoid short circuits before switching on.
- 6) Please ensure that the cable is secured tightly to the connector.
- 7) For latest information please visit our website www.melec.com.au.

Warranty Agreement

- 1) We provide lifelong technical assistance with this product:
5 year warranty. Every product has printed date on, for example: 1125 means year 2011, week 25. The warranty is for free repair or replacement and covers manufacturing faults only. For faults beyond the 5-year warranty we reserve the right to charge for time and parts.
- 2) Warranty is void if:
 - Any defects are caused by wrong operation.
 - Any damages are caused by unauthorized removal, maintenance, modifying, incorrect connection and replacement of components.
 - Any damages are due to transportation, vibration etc. after purchase.
 - Any damages are caused by earthquake, fire, lightning, pollution and abnormal voltage.
 - Any damages are caused by negligence, inappropriate storing at high temperatures and humidity or near harmful chemicals.
 - Product has been updated or changed.
- 3) Repair or replacement as provided under this warranty is the exclusive remedy to the customer.