

# WiFi & RF Receiver

Model: ML-1009FAWi



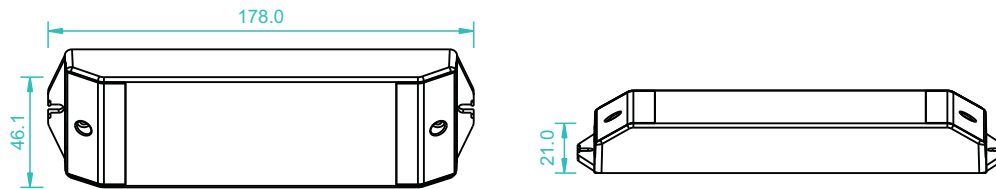
## Feature

- Direct WiFi or RF remote control
- Control RGBW, RGB, CC-CW, Single color LED lighting.

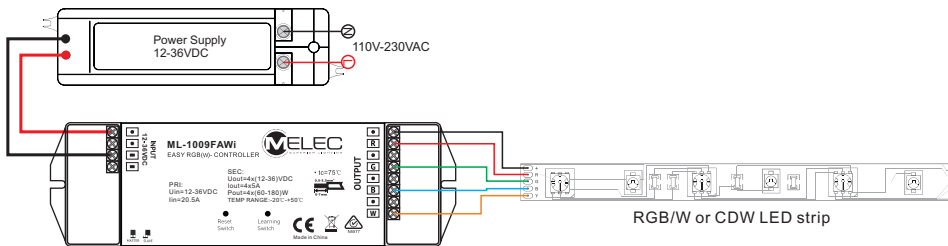
## Parameter

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

## Product Size



## Wiring diagram



## Operation

### Single Zone Controller

- Connect the LED device to the assigned colour outputs, matching the LED wiring.
- Connect Input DC Voltage required for LED device 12 – 36VDC.
- Power on the RF controller by touching ON/OFF button.
- Single press the learning button on the receiver.
- Touch the colour wheel.
- The connected LED device will flash to confirm learning operation.

### Multi Zone Controller

- Connect the LED device to the assigned colour outputs, matching the LED wiring.
- Connect Input DC Voltage required for LED device 12 – 36VDC.
- Power on the RF controller by touching ON/OFF button.
- Single press the learning button on the receiver.
- Select & Press the zone button on the controller.
- Touch the colour wheel.
- The connected LED device will flash to confirm learning operation.

**Note 1:** To delete all previous learned remotes, press and hold the learning button down for approximately 5 seconds until the LED device connected will flash to confirm all learned controllers have been removed.

**Note 2:** Each ML-1009FAWi receiver can be controlled by up to 8 different Compatible RF (radio Frequency) remote devices.

**Note 3:** Each Remote Controller can control unlimited receivers within the Radio Frequency range.

**Note 4:** Master/ Slave option is set via the jumper pin; Master is closed and Slave is open. Only one Master can be assigned to each zone. When the master and slave have both been assigned, press P1 or P2 button, the master will do a synchronization process approximately every 15 seconds. This will keep the colour or mode selected across the slaves that are connected within the same zone to be in sequence.

## IOS or android system connection to the ML-1009FAWi

Please check 'Easylighting' application manual or search on applicable app store, Wifi Password - 0123456789

## 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](http://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.