



# Wireless Receiver

## AL-60-03-0004

This Wireless Receiver is compatible with the DMX Touch Wall Controller and the Wireless Remote Controller (both sold separately). Additional Wireless Receivers can be used with the same remote control to create independent zones.



## Specifications

- Input Voltage: 12-36V DC
- Output Voltage: 60-80W per channel
- Max. Current: 5A per channel
- Constant Voltage
- Compatible with: (all sold separately)
  - Remote Control Dimmer Switch - AL-60-03-0001
  - Wireless Remote Controller - AL-60-03-0002
  - DMX Touch Wall Controller - AL-60-03-0003



## Operation

### Pairing the Receiver with a Remote Control

- Do wiring according to connection diagram
- Wake up the remote control by touching ON/OFF button.
- Press learning button on receiver.
- Touch any zone button on remote control.
- Then touch color wheel.
- Connected LED light will blink to confirm zone designation.
- Press at learning button on receiver over 5 seconds until LED light flash, then delete the learned ID.

Note 1: To choose a master from slaves by jumper for each zone.

Short circuit for master.

Open circuit for slave.

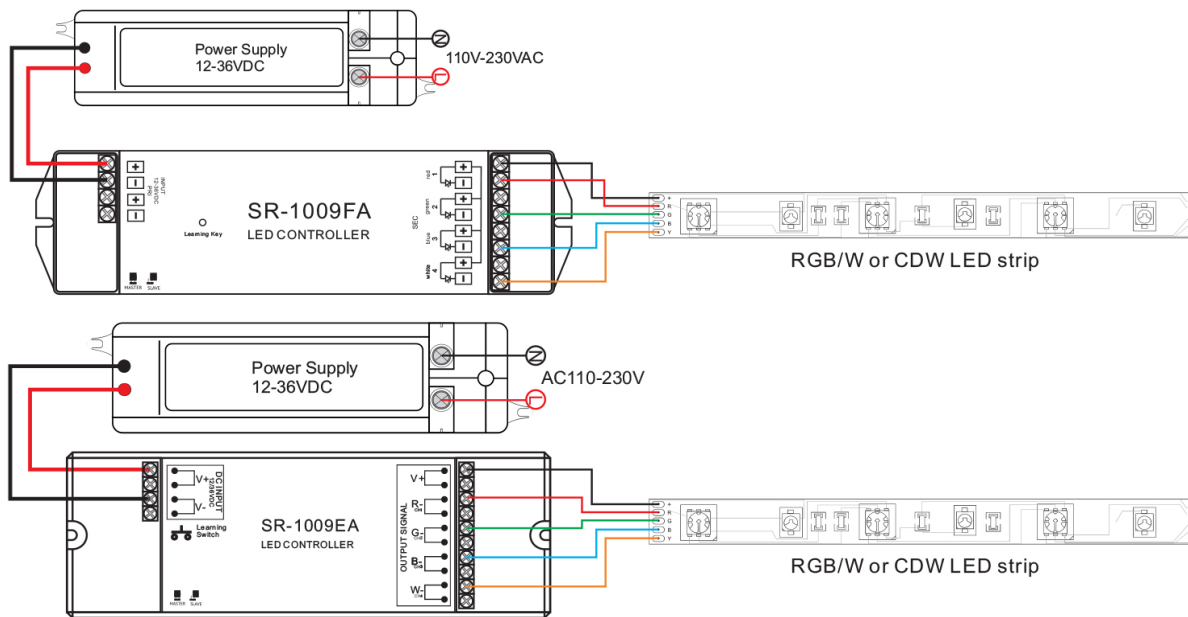
Each zone only can set one master controller. After a period of time, the master will do synchronization operation to keep the same color or mode of all slaves in one zone.

Note 2: Each remote control 8 zones (areas) receivers, each area can be learned as many receivers as we can.

Each receiver maximally can be controlled by 8 different remote controllers.

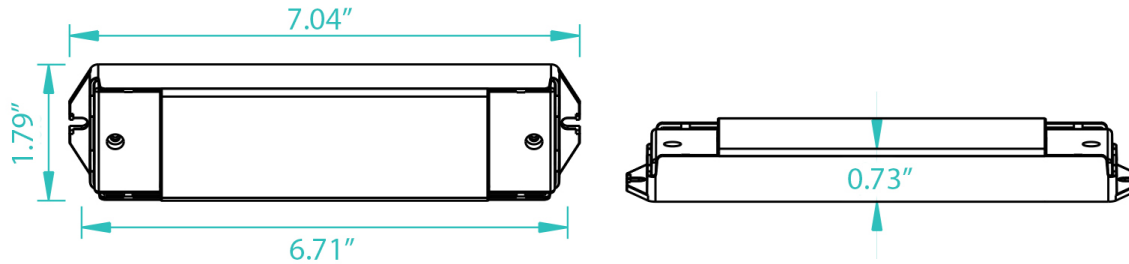
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## Wiring Diagram



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## Measurements



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## Safety & Warnings

- This product should be installed and serviced by a qualified technician.
- Do not expose this unit to water. When installed outdoors, ensure it is mounted in a water proof enclosure.
- Always mount this unit in an area with proper ventilation to avoid overheating.
- Never connect any cables while power is on. Before switching on, ensure connections are correct to avoid short circuits.

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## Troubleshooting

- Check if the output voltage of any LED power supplies used comply with the working voltage of the product.
- Ensure that the cable is secured tightly in the connector.
- Check that the wires coming from the fixture match the contacts on the Receiver, e.g. red is connected to red, blue is connected to blue, etc.