# MANUAL RGB RF CONTROL

| CODE |
|---|
| BL-RGB-103 |

| OUTPUT CURRENT | MAX. LOADING | VOLTS |
|---|---|---|
| 3 × 3A channels (9A) | 108W | 12V DC |
| | 216W | 24V DC |
| DIMENSIONS | *Controller* W30 × L135 × H20mm<br>*Remote* W60 × L104 × H9mm | |
| HOUSING | PVC casing | |
| MOUNTING | *Controller* 2 × mounting tabs<br>*Remote* Wall bracket | |
| WARRANTY | 5 years | |
| COMPLIANCE | | |
| OPERATING TEMP. | -20°C ~ +55°C | |
| INGRESS PROTECTION | Indoor use only | |
| CONNECTION METHOD | Concealed screw terminals | |
| CONTROL | Wireless RF | |
| FREQUENCY | 433.92 MHz<br>*Up to 40 metres* | |
| MAX. DISTANCE FROM POWER SUPPLY | Recommended under 10 metres<br>*For specific projects contact Bright Light* | |

This unit uses RF (radio frequency) remote control, this allows the receiver to be controlled by the supplied remote control with ease.

The RF remote control can work over a 20M distance with no obstruction, metal & concrete barriers will lessen the control distance.

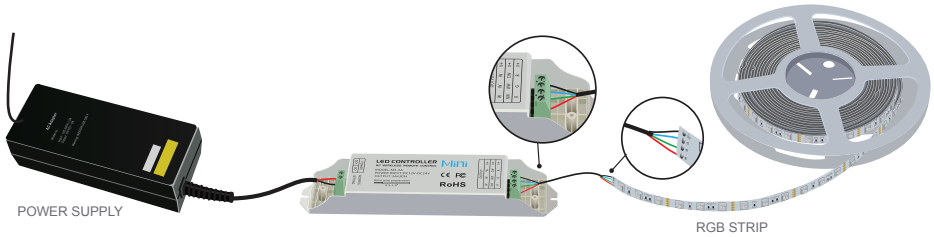
**THE LEARNING ID METHOD OF REMOTE CONTROL:**

The remote control has been matched to the receiver before leaving the factory, if deleted accidentally you can learn the ID as follows.

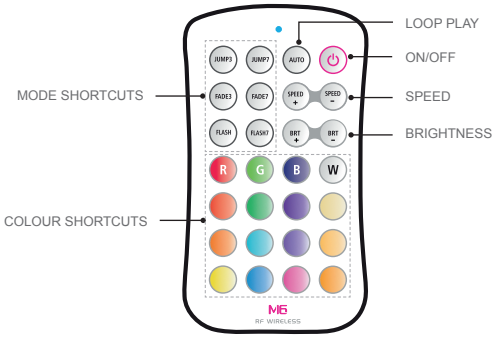
**Learning ID:** Short press the ID learning button on the receiver until the running lights are on, then press any key on the remote control, the running lights flash several times ID is activated.

**Cancel ID:** Long press ID learning button on the receiver for 5 seconds


## WIRING DIAGRAM




## OPERATING INSTRUCTION FOR REMOTE CONTROL




**PRESET MODES**

1. Static Red
2. Static Green
3. Static Blue
4. Static Yellow
5. Static Purple
6. Static Cyan
7. Static White
8. RGB Skipping
9. 7 Colour Skipping
10. RGB Colour Smooth
11. Full-colour Smooth

FUNCTION

- RGB LED ribbon strip control
- On/off, brightness, speed, preset colours, manual colour selection, and six preset modes
- RF remote included

**ATTENTION:**

- The product shall be installed and serviced by a professional electrician.
- This product is not waterproof & cannot be installed outdoors, use IP65 box if required for outside use.
- Good heat dissipation on will prolong the working life of the controller, please ensure good ventilation.
- Please check the output voltage of any power supply used complies with the working voltage of the LED product used.
- Ensure an adequate sized cable is used from the controller to the LED lights to carry the current, please also ensure the cable is secured tightly in the connector.
- Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
- If a fault occurs please return product to your supplier. Do not attempt to fix this product yourself.