

RFQ5, SLQ5

Item ref: 156.738UK, 156.739UK

MASTER & SLAVE CONTROLLERS FOR RGBW LED TAPE

User Manual



WARNING: This product is intended for professional installation of dual colour LED tape and should be connected by qualified personnel in accordance with electrical safety standards. Ensure that the rated load indicated is not exceeded.

Installation

The RFQ5 and SLQ5 controllers can be employed to control Lyyt RGBW 4-colour LED tape operating from a 5-24Vdc power supply. The rated current load is 3 x 2A (RGB) + 3A (W), operating up to 5m of Lyyt RGBW 60/m LED tape (156.740UK) or 10m of Lyyt RGBW 30/m LED tape (156.741UK).

Connect the DC jack to a power supply suitable for the LED tape (must be 5-24Vdc for the controller)

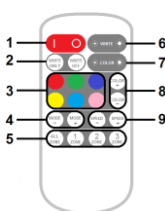
Connect the 5-pin coupler to the end connection on the Lyyt RGBW tape.

Ensure that the black "+" wire is connected to the positive connection on the LED tape. The LED tape will just not light if the controller is accidentally connected in reverse.

5 - 24Vdc



Remote control



- | | |
|-------------------|--|
| 1. POWER | LED on / standby button |
| 2. WHITE ONLY/OFF | Select white with colour off or colour with white off |
| 3. Preset colours | Preset static colour buttons |
| 4. MODE +/- | Step up or down through program sequences |
| 5. ZONE | Select zone 1, 2, 3 or all zones to control from handset |
| 6. WHITE * / * | Increase or decrease white brightness |
| 7. COLOR * / * | Increase or decrease colour brightness |
| 8. COLOR +/- | Step up or down through static colours |
| 9. SPEED +/- | Step up or down through program speed |

- Remove the clear tab from the handheld remote to engage the battery (replacement CR2025 button cell)
- The handset can be used to control the master controller and infinite slave controllers (156.739UK) on 3 separate zones.
- Press ZONE 1 on the handset and power up the master controller.
- Within 5 seconds of powering up, hold down the Power on (1) and WHITE* (6) buttons together, then within another 5 seconds, press the RED colour button (3) and the LED indicator on the controller will flash 3 times to confirm pairing.
- To pair slave controllers, the master controller must be powered up, since they are paired through the master.
- Power up the slave controller and within 5 seconds, hold down the POWER ON (1) and WHITE* (6) buttons together.
- Now press the Zone button (1, 2 or 3) to which this slave controller will belong and it will be paired on that zone.
- To select which controller is being operated, use the ZONE buttons to select zone 1, 2, 3 or all simultaneously
- To switch LEDs on, press the POWER button (from standby, the last setting is resumed)
- To switch to static white only colour, press the WHITE ONLY button
- To switch to colour without any white component, press the WHITE OFF button
- Preset colour buttons provide direct access to 6 static colours. All colours can be accessed using the COLOR +/- buttons.
- To increase or decrease white content, use the WHITE brightness buttons.
- To increase or decrease colour content, use the COLOR brightness buttons.
- To use the internal colour chase programs, press the MODE +/- buttons, which will step through preset sequences.
- The colour chase speed can be adjusted using the SPEED +/- buttons
- Press POWER to enter standby mode (all LEDs off)
- To switch all zones off, it will be necessary to select ALL ZONES

Specifications

Model	RFQ5 (Master)	SLQ5 (Slave)
Voltage	6 - 24Vdc	
Output current	3 x 2A (RGB) + 1 x 3A (white)	
PWM frequency	512Hz	
Operating temperature range	-30°C to +80°C	
Output connections	Blue, red, green, white, V+	
Range	15m (max. from remote)	15m (max. from master)
Protection	Reverse/short circuit, overload, temperature	
Carrier frequency	433.92MHz + 2.4GHz (sync to slave)	2.4GHz (sync from master)
Battery : remote	3V (CR2025 button cell - included)	N/A
Dimensions : remote	115 x 52 x 5mm	N/A
Dimensions : controller	87 x 21 x 9mm	87 x 21 x 9mm
Weight	59g (controller + remote)	22g



Disposal: The "Crossed Wheelie Bin" symbol on the product means that the product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

*Errors and omissions excepted.
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