

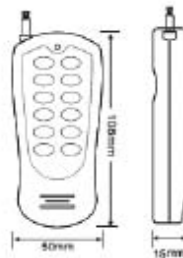
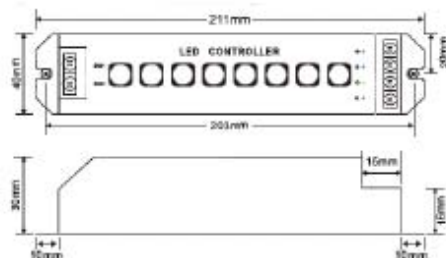


### RSM-M-RF Installation Instructions

The RSM-M is a multi-functional RGB LED controller, adopts advanced PWM (Pulse-Width Modulation) control with built-in 16 modes. The controller has 8 touch buttons which are used for choosing ON/OFF, PAUSE, MODE+/-, SPEED+/-, BRT+/-, The RF wireless remote controller has a ID learning function and the controller can automatically adapt to DC12-24V input.

#### Technical Specifications:

Input voltage	DC12V ~ DC24V
Max current load	6A/CHX3CH
Max output power	216W/432W (12V/24V)
Remote control max. distance	100m (Direct line of sight)
Working temperature	-20°C - +40°C
Dimension	L:211mm X W:40mm X H:30mm
Weight (G.W)	230g



Controller	RF Remote	Button	Description
		On / Off	ON/OFF: Turns controller on or off
		Pause	PAUSE: Press this button to pause at current colour. Press again to continue with colour change. Press and hold for 3 seconds to turn Buzzer on or off
		Mode + Mode -	Mode +/-: Press these button to move up and down between programs.
		Speed + Speed -	Speed +/-: Press these buttons to increase or slow down the speed of colour change.
		Brightness + Brightness -	Brightness +/-: Press the keys to increase or decrease the brightness. Holding the button down will keep the change continuous.
	   	Programmable Memory Keys	Programmable Keys: Select desired program, then press the selected programmable button and hold down for 3 seconds this automatically stores the program to this button.

#### Pairing:

Once everything is connected and installed correctly turn on the power, the next step is to "Pair" the controller and remote together.

Press and hold down the "On/Off" button for over 3 seconds and the green indicator light will turn on, then press any key on the remote control and the green indicator light will go off, indicating that the pairing was successful.

Sequence	Mode function	Adjustments
1	Static red	Brightness adjustable
2	Static green	Brightness adjustable
3	Static blue	Brightness adjustable
4	Static yellow	Brightness adjustable
5	Static purple	Brightness adjustable
6	Static cyan	Brightness adjustable
7	Static white	Brightness adjustable
8	3 colour flash change (red-blue-green)	Brightness & Speed adjustable
9	7 colour flash change (red-green-blue-yellow-purple-cyan-white)	Brightness & Speed adjustable
10	White colour strobe	Brightness & Speed adjustable
11	3 colour fade change (red-blue-green)	Brightness & Speed adjustable
12	Full colour fade change	Brightness & Speed adjustable
13	Red - Green fade only	Brightness & Speed adjustable
14	Red - Blue fade only	Brightness & Speed adjustable
15	Green - Blue fade only	Brightness & Speed adjustable
16	White colour pulse only	Brightness & Speed adjustable