HM-12RGB5A3-EX

LED Power Amplification

(Version V2.00)

User's Manual

Safety Warnings

Thanks for choosing our HM-12RGB5A3-EX Full Color Multifunction Controller. Before installation and usage, we strongly recommend you to read through this manual carefully.

1. Please don't install this controller in lightening, intense magnetic and high-voltage fields.
2. To reduce the risk of component damage and fire caused by short circuit, make sure correct connection
3. Always be sure to mount this unit in an area that will allow proper ventilation to ensure a fitting temperature.
4. Check if the voltage and power adapter suit the controller & if anode or cathode definition is the same as the controller's.
5. Don't connect cables with power on; make sure a correct connection and no short circuit checked with instrument before power on.
6. Please don't open controller cover and operate if problems occur.

For update information, kindly please consult with your supplier.

Product Introduction

HM-12RGB5A3-EX Power Amplification is used to expand LED controller output power unlimitedly, to control more LED lights, suitable to work with all our power output controllers.

Ⅰ. Specification:

POWER SUPPLY	12-24V
I/O CHANNEL	3
P-out	5A(EACH CHANNEL Max),12V,180W/24V,360W
Size	165(L)X39(W)X26(H) mm
Weight	260g

Ⅱ. Features:

1、 Three RGB channels, output current: 5A/channel x3.
2、 Accept PWM control method.
3、 Unlimited connection qty, unlimited power output expansion.
4、 Auto load protection，auto default recovery.

Ⅲ. Product aspect:

IV. Exception handles

Fault Case	Reasons	Solutions
No light	1、 No power from plug 2、 At black mode 3、 The fuse broken 4、 Incorrect connection	1、 Change the socket 2、 Change the running mote 3、 Replace the fuse 4、 Check the connection
incorrect Color	5、 Wrong RGB connection	5、 Check RGB connection
Non	6、 Wrong sync cable	6、 Check sync cable

V. Conjunction diagram (e.g.: LED module)