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# LED CURTAIN SERIES



## RGB STAR CURTAIN

# USER'S MANUAL

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## THANK-YOU

First of all, we thank you for having chosen our products.

The RGB Star Curtain is a great and reliable device that can meet most of your requirements for entertainment markets. It can be just plug-and-play, and also can be controlled via standard DMX512 for sophisticated requirements.

All of our products are made on our business philosophy:

- we believe that satisfied customers are the key to a successful business and that controlled growth is the only path to sustained profitability.
- We believe that there is no point in supplying products that are substandard or inadequate. In the long run, it never pays.

You can always rely on us.

Thanks again !

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## WARNING

### Safety Instructions:

This product guide contains important information about the safe installation and use of this device. Please read and follow these instructions carefully and keep this manual in a safe place for future reference.

When unpacking and before disposing of the carton, check there is no transportation damage before using the device. Should there be any damage caused by transportation, consult your dealer and do not use the device.

The device is for indoor use only. Use only in dry locations. Keep this device away from rain and moisture, excessive heat, humidity and dust. Do not allow contact with water or any other liquids. The device is not designed or intended to be mounted directly on to inflammable surfaces.

The device is only intended for installation, operation and maintenance by qualified personnel. The device must be installed in a location with adequate ventilation, at least 50cm from adjacent wall surfaces.

Be sure that no ventilation slots are blocked.

Do not attempt to dismantle and/or modify the device in any way.

Electrical connection must only be carried out by qualified personnel.

Before installation, ensure that the voltage and frequency of power supply match the power requirements of the device.

It is essential that each device is correctly earthed and that electrical installation conforms to all relevant standards.

Do not connect this device to any other types of dimmer apparatus.

Make sure that the power-cord is never crimped or damaged by sharp edges. Never let the power-cord come into contact with other cables. Only handle the power-cord by the plug.

Never pull out the plug by tugging the power-cord.

The device should always be installed with a secondary safety fixing. A safety cord is supplied for this; it should be attached as shown in "installing the device" section.

There is no user serviceable parts inside the device do not open the housing and never operate the device with the covers removed.

This device is not designed for permanent operation. Consistent operation breaks will ensure that the device will serve you for a long time without defects.

Prevent this product from strong vibration or impact. Don't use it in shaking conditions.

The maximum ambient temperature  $t_a = 45^{\circ}\text{C}$  must never exceeded.

The relative humidity must not exceed 50% with an ambient temperature of  $45^{\circ}\text{C}$ .

If this device is operated in any other way other than the one said in this manual, this device may suffer

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damages and thus the warranty becomes void.

**Always disconnect from the mains, when the device is not in use or before cleaning it or before attempting any maintenance work.**

If you have any questions, don't hesitate to consult your dealer.

**IMPORTANT:**

Every unit is tested completely and packed properly by the supplier. Please make sure the packing and / or the unit is in good condition before installation and use. Should there be any damage caused by transportation, consult your dealer and do not use the unit. Any damage caused by improper use will not be assumed by the supplier and / or dealer.

The supplier will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the device.

**CAUTION! EYEDAMAGES!**

Avoid looking directly into the light source,  
Meant especially for epileptics!

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**PLEASE recycle the shipping carton whenever possible.**

## **Rigging**

Concerning rigging, trussing for this device, please follow the European and national guidelines.

Only the qualified technicians are allowed for the device installation,

The device must never be mounted for a possible swinging position, and a safety cord attached must always be used.

### **IMPORTANT:**

**Improper installation can lead to serious damage to people and property.**

This device is not supplied with a plug, and it has an open power cable. So when connecting the device to the mains with a power plug, ensure that the right color cable is connected to the right place. The following table is for your reference.

<b>International</b>	<b>EU Cable</b>	<b>The U.K. Cable</b>	<b>US Cable</b>	<b>Pin</b>
<b>L</b>	<b>Brown</b>	<b>Red</b>	<b>Yellow/Copper</b>	<b>Fase</b>
<b>N</b>	<b>Blue</b>	<b>Black</b>	<b>Silver</b>	<b>Nul</b>
<b>⊥</b>	<b>Yellow/Green</b>	<b>Green</b>	<b>Green</b>	<b>Earth</b>

### **IMPORTANT:**

Please ensure that the device is always connected to the earth properly.

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## Description

When you receive this product, please check if there are any problems caused by transportation. And also check if you have received all parts as follows:

1. RGB star Curtain: 1 pcs
2. Controller: 1 pcs
3. 4 pin Controller Cable: 1 pcs
4. LED Lamp: (spare parts)
5. This manual: 1 pcs

The RGB star Curtain is one of the LED star Curtain series. All RGB star Curtain are made of high brightness LEDs, and fire retardant cloth. Its control system is designed friendly for operation. The RGB star Curtain can be produced for various ways of installation, and can be connected one to another easily and freely.

The RGB star Curtain can work to produce a lot effect: auto run program, adjust run speed, strobe, dimming, change color.

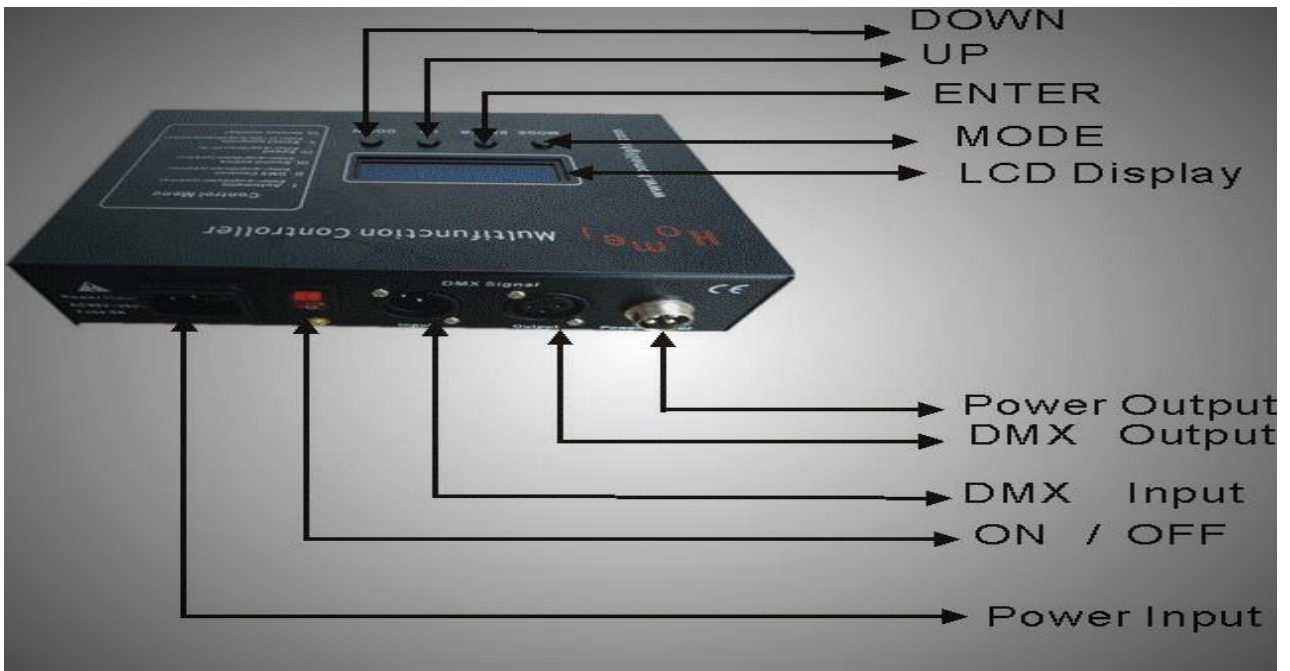
The RGB star Curtain has multifunctional operation modes to meet various requirements.

Each mode can be operated by setting switch, meanwhile, you can also adjust effect speeds by setting switch.

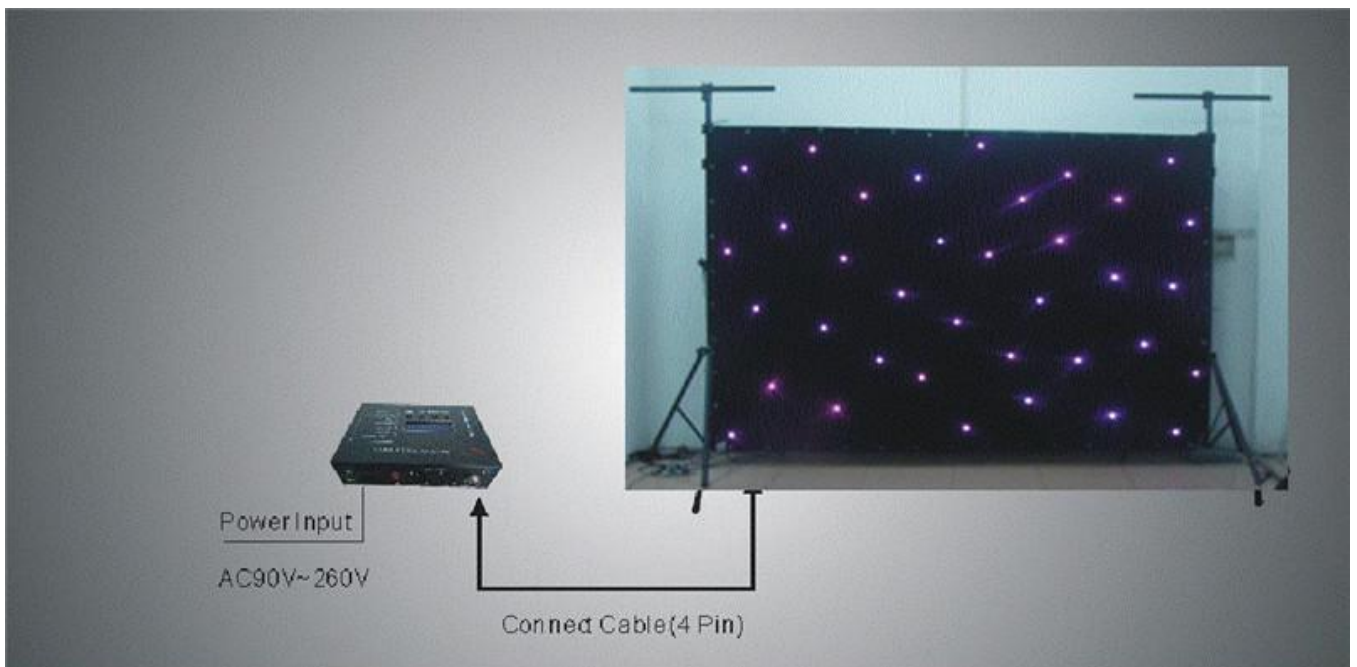
## Installation

- 1、 Please make sure the voltage matches with this product.
- 2、 The installation can be carried out by qualified technicians only.
- 3、 Please make sure there isn't any flammable material at the range of 0.5M when installing. Keep the space between the curtain and the wall 15CM minimum.
- 4、 Please avoid strong wind and ventilation in the operation area.

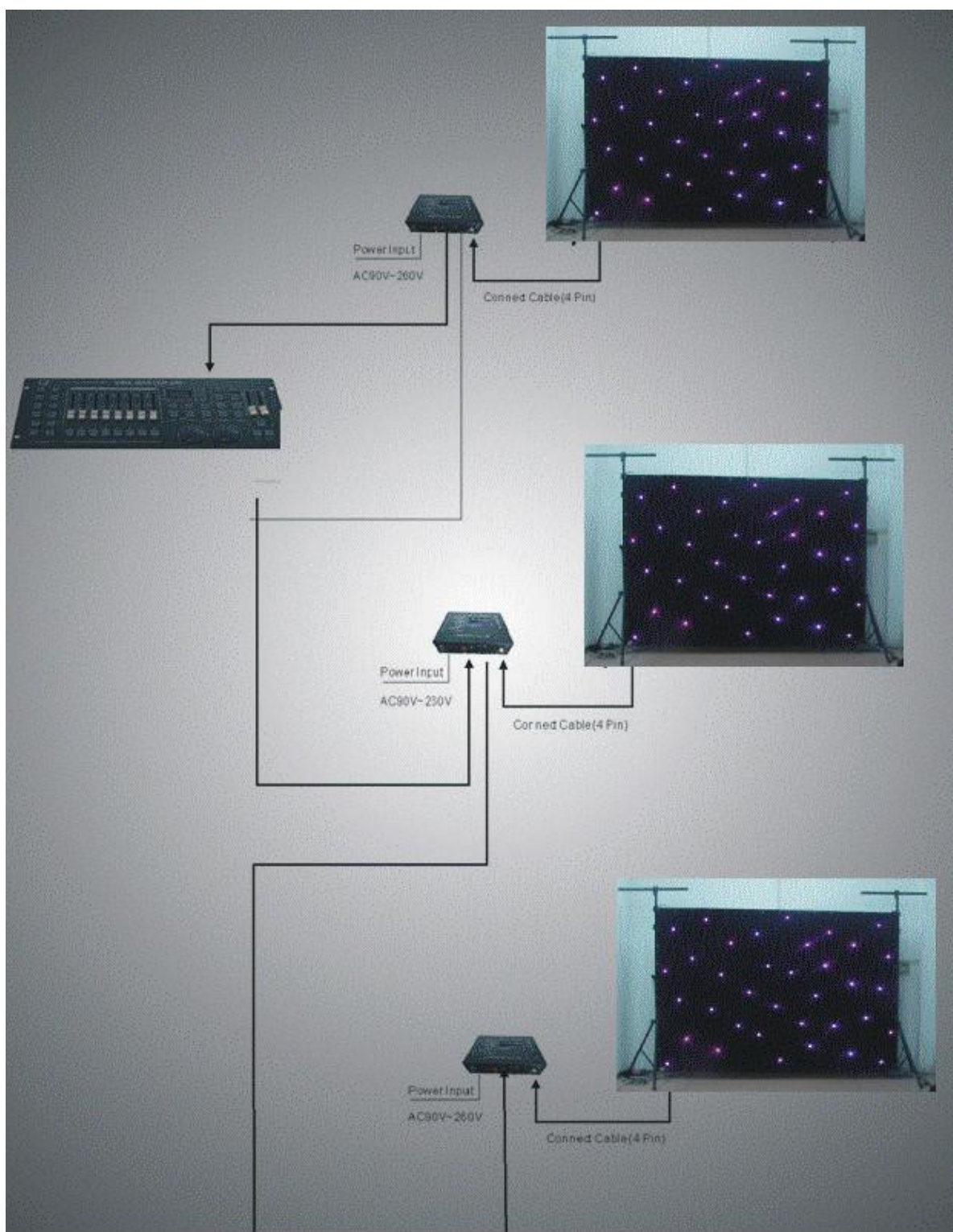
## Operation



## Around Control System



## DMX Control Way



## Program List

Program	Effect	Program	Effect
Program 1	7Color changer(dim)	Program 15	Red on
Program 2	Red Color change(jump)	Program 16	Green on
Program 3	Green	Program 17	Blue on
Program 4	Blue	Program 18	Yellow on
Program 5	Yellow	Program 19	Purple on
Program 6	Cyan	Program 20	White on
Program 7	Purple	Program 21	Red , yellow
Program 8	White	Program 22	All color change
Program 9	Red strobe	Program 23	Yellow , blue
Program 10	White strobe	Program 24	Purple, green
Program 11	Blue strobe	Program 25	Blue ,white
Program 12	Yello strobe	Program 26	Purple , blue
Program 13	Red ,green,blue	Program 27	Red,purple,blue
Program 14	Yello ,cyan ,green	Program 28	Yellow,green ,cyan
Program 29	Red ,cyan ,white	Program 30	Colorful star

## DMX Channels Function

CH	Area	effect
CH1	0~255	dimmer
CH2	0~9	No
	10~255	Strobe
CH3	0~255	Red dimmer
CH4	0~255	Green dimmer
CH5	0~255	Blue dimmer
CH6	0~15	No
	16~255	Program 1-15, per 16 numerical with one programs
CH7	0~15	NO
	16~255	Program 16~30 ,per 16 numerical with one programs
CH8	0~255	Speed sloww~ fast

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## Maintenance

The RGB star Curtain is almost free of maintenance. If some of LEDs become dead, you just need to replace the dead ones with the spare LEDs attached in the package.

To replace the LEDs, first of all, unplug the device from the power supply. Unzip the cloth and find the dead LEDs. Hold the dead LED, and remove the clip from front side of the cloth. Change the LED, and put back the clip. Zip the curtain, and connect the device to the power supply.

To ensure the reliability of the RGB star Curtain, it should be kept clean. Keep it away from oil and other stains.

## Specifications

Material: double decker fireproof velvet

Voltage: AC 90V-260V/50Hz

Insurance:3A(Power Supply) /10A (Control PCB)

Control System:All on/DMX512/Sound active/automatic

Channels: 8CH

Programs: 30 different programs in multi controller

LED color: RGB 3in1

Lamp :5050 SMD about 7 pcs led/SQM

Input voltage: DC12V

Power: 150W

**NOTE: Due to improvement, the product specifications and this manual are subject to change without prior notice.**