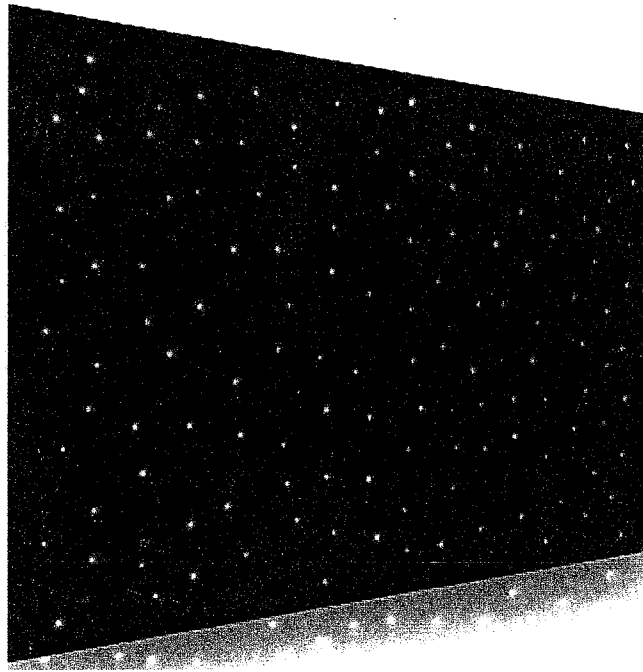# LED STAR CURTAIN SERIES



# LED STAR CURTAIN

# USER'S MANUAL

# THANK-YOU

First of all, thank you very much for choosing and trust on our products.

The LED Star curtain is a great and reliable device that can meet most of your demands 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 satisfy customers is the key to successful business and that it 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.

You can always trust on us.

Thanks again !

# INDEX

# User Manual

Welcome to use LED Star Curtain , Please read following Safety Notes as well as those in User Manual carefully before connection, installing, operation or maintaining this product.

## I . Safety Notes

1. After receiving the new LED Star Curtain, please open the packing carton to check the goods and all other accessories whether they are consistent with packing list and in good condition, in case finding something damaged by transportation, please contact the reseller or distributor to repair or change.
2. LED Star Curtain is for indoor use only!
3. LED Star Curtain should be far from rain, moisture, water and any other liquid.
4. LED Star Curtain should be far from flammability, explode and heating.
5. LED Star Curtain should be far from shock,vibration,impact and dust.
6. LED Star Curtain must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces.
7. The connection, installation, operation and maintenance of LED Star Curtain should be processed by qualified person. _
8. Make sure no ventilation slots are blocked.
9. Prohibit trample and tear the LED Star Curtain, keep the internal cable connection in order.
10. Electrical connection must be carried out by qualified person.
11. Make sure the voltage and frequency of power supply match the power require of this device.
12. Always connect this product to a grounded circuit to avoid the risk of electrocution.
13. Do not connect LED Star Curtain to a dimmer.
14. Make sure the power cord is not crimped or damaged.
15. Never pull out the plug from power cord by pulling or tugging on the cord.
16. Never operate this product with the covers removed.
17. Always disconnect this product from the power supply before cleaning or attempting any maintenance work.
18. Never carry this product from any moving part, Always use the hanging/mounting bracket or the handles.
19. The maximum ambient temperature is 40 °C , Do not operate this product at higher temperatures.
20. In case of a serious operation problem, stop using this product immediately and contact reseller or distributor.

**Warning:**

Any damages caused by the non-observance of this manual or any unauthorized modification to this product are not be subject to warranty.

**Important:**

This product is supplied with an open power cable without a plug, So before connecting this product to the mains with a power cable, make sure the right color cable connected to the right place. Offered you the following table for your reference.

| International | EU Cable | UK Cable | US Cable | Pin |
|---|---|---|---|---|
| L | Brown | Red | Yellow/Copper | Fase |
| N | Blue | Black | Silver | Nul |
| ⊥ | Yellow/Green | Green | Green | Earth |

**Note: Make sure this product connected to the earth properly.**

## II. Advantages

1. SMD LEDs, small and bright.
2. Pure color and longer life.
3. Soft, smooth and flexible, can be folded. -
4. Fire retardant velvet, against fire.
5. Small volume and light weight.
6. Easy connection and combination.
7. Easy installation and transportation.

## III.Technology Parameters

### 1. Product Description

All Led Star Curtains are made of high brightness SMD LEDs , and fire retardant velvet cloth. 17 exciting patterns , and support for 8 channels of DMX, the LED Star Curtain also comes equipped with a sound activation mode, and the ability to choose and run your favorite program with a simple press of a button without a DMX-512 console.

2 layers of smooth velvet sewn with wool. Many grommets fitted on our industrial machines around the cloths. Fitted with a standard UK/USA/EUROPE main plug, just plug it into a plug socket on the controller , turn on the power supply ,and then choose and run your favorite program.

## 2. Product Specification

Voltage: Input Voltage: AC90V-240V, 50/60Hz, 25W/150W, 3A/2A
           Output Voltage: DC 12V/3A, DC12V/12.5A
Fuse: 2A
Power consumption: 30W~150W
Lamp: SMD LEDs
Life:100,000 hours
DMX channel: 8 ch
Digital Screen in the controller
Control system: Controller / DMX Controller / Sound Active / Auto run
Number of program: 20 programs
Led color: Single color: Red, Green, Blue and White
           Mixing color: RGBW, BW , one color in one LEDs .
           ( Can be custom made )
Cloth color: Black , White (Can be custom made)
Certification: CE & SGS

## 3. Packing Include

One LED Star Curtain
One Controller
One User Manual
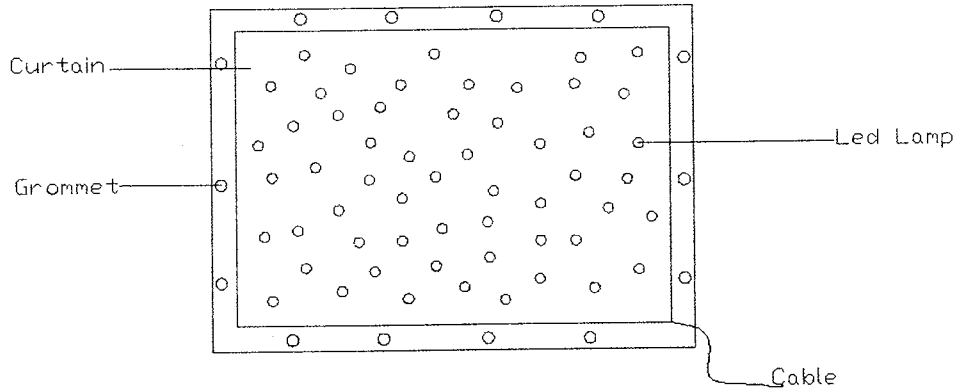Spare LEDs

Reusable Zip Ties

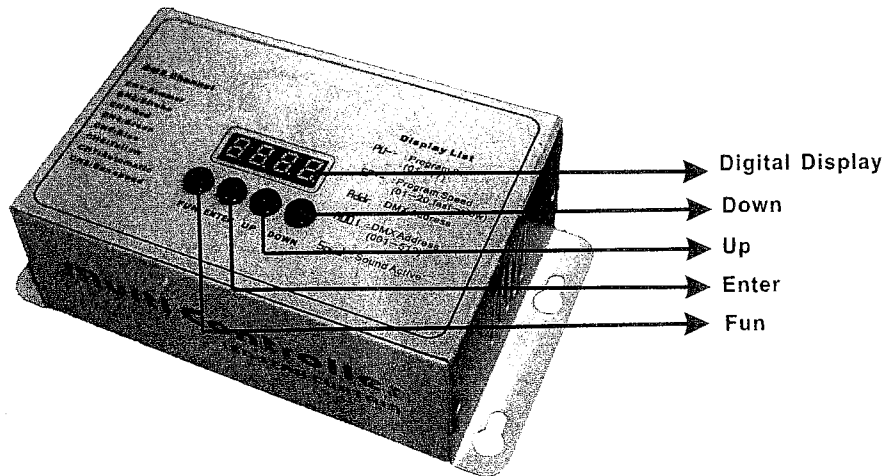| Size | Color | Leds | Weight | Packing Size |
|------|-------|------|--------|--------------|
| H:2m * W:3m | R, G, B, W, , RGBW | 120PCS | 6KG | 50*21*30CM |
| H:2m * W:4m | R, G, B, W, RGBW | 160PCS | 7KG | 56*38*26CM |
| H:3m * W:4m | R, G, B, W, RGBW | 240PCS | 9KG | 65*35*22CM |
| H:3m * W:6m | R, G, B, W, RGBW | 360PCS | 12KG | 64*39*32CM |
| H:4m * W:6m | R, G, B, W, RGBW, | 480PCS | 14KG | 74*52*30CM |

LED Star Curtain User's Manual

# Ⅳ. Installation

LED Star Curtain can be used by single or through combination to make a large led curtain.

## 1. Product Overview

### (1) LED Star Curtain

Curtain

Grommet

Led Lamp

Cable

### (2) Controller

Digital Display
Down
Up
Enter
Fun

Power In    Switch    DMX In/Out    Curtain Input
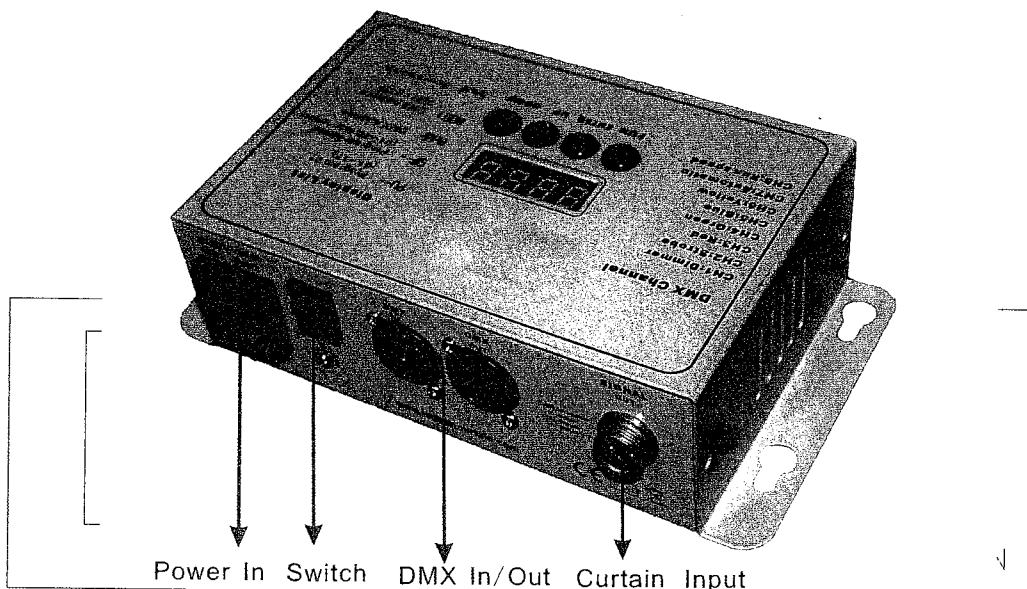
## (3) Controller Description

| Button | Function |
|---|---|
| FUN | Menu or Function |
| ENTER | Display menu or set the selected menu as the function you need |
| UP | Upwards the menu or increase the number value of the function you selected |
| DOWN | Downwards the menu or decrease the number value of the function you selected |

## (4) Menu Options

| Menu | Function |
|---|---|
| PU | Program (01- 20 ) |
| SP | Program speed   ( 01 - 20 , fast - slow) |
| Add | DMX Address |
| A001 | DMX Address (001 - 512) |
| Sound | Sound active |
| All | All lights on |

## (5) Controller Operation

Press Fun to go befween these menus

Press up or down to choose sound, automatic & DMX

```
Vision Number
```

Press up or down to choose
program between 1-17      Fast---Slow

```
Model  →  Sound
       →  Automatic  →  1-17  →  Speed  →  1-20
       →  DMX512  →  001
```

DMX Address

Press Fun to go back
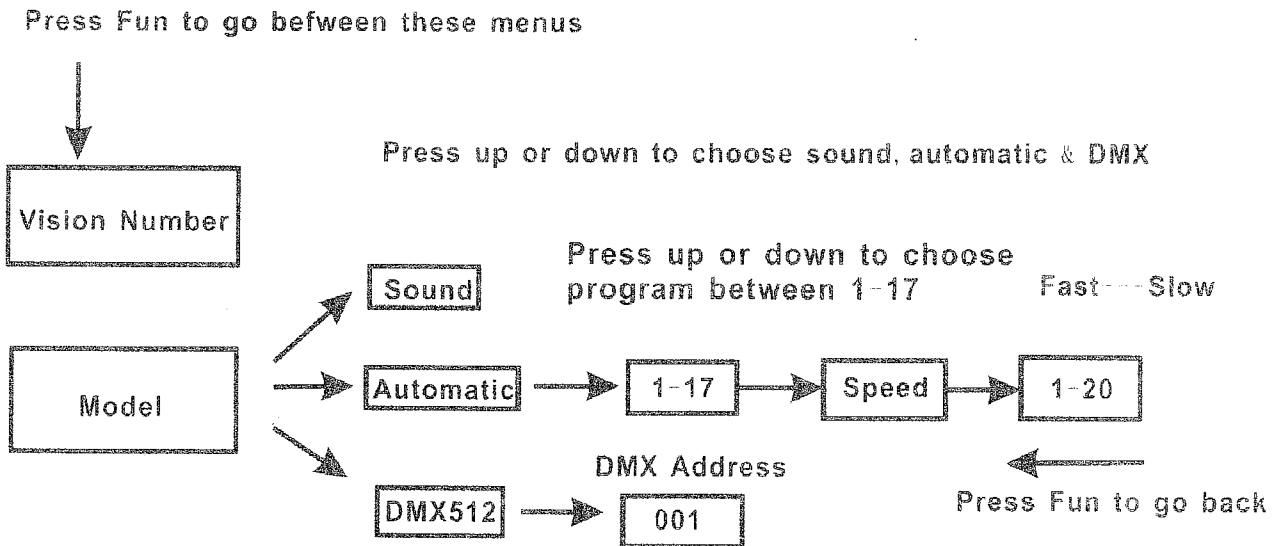
## 2. Installation

(1) After receiving the new LED Star Curtain, take out to check whether the LED Star Curtain is damaged, and all accessories is as per the Packing Include, make sure all things are already.

(2) Unfold the LED Star Curtain.

(3) Hang the LED Star Curtain on the truss with reusable zip ties, and fasten the reusable zip ties at the other three sides of this curtain.

(4) Use male and female velcro at the left and right side of the LED Star Curtain to make the nearby star curtain connect together.

## Combine several pieces LED Star Curtain to make a big curtain

There are male and female velcro at the left and right side of the LED Star curtain , the function of these velcro is just to combine several pieces into one. But not to load too much.

## (1) Signal Cable Connection

There is Signal Cable with 5pin plug at the back of each curtain , Connecting this Signal Cable to the controller ,and then lock the nut on the plug. For several pieces curtains , just need to connect the controllers with 3pin DMX Signal Cable.
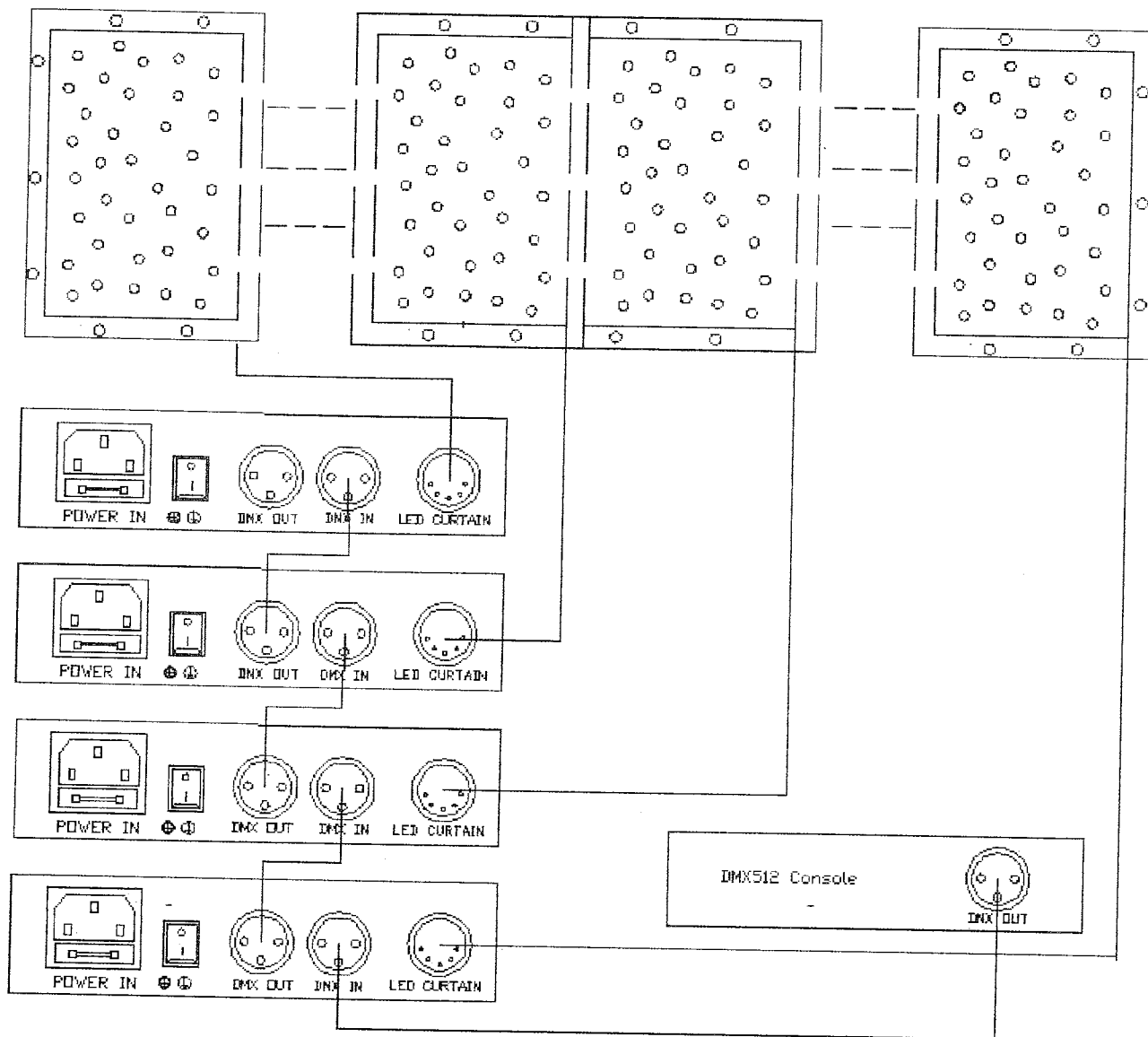
## (2) Power Cable Connection

Get out the Power Cable from the carton, Before connecting this cable between controller and power supply, please make sure the voltage is AC90V-260V 50Hz-60Hz.

## (3) Disassembly

(1) Cut off Power Cable
(2) Cut off Signal Cable
(3) Unfasten the velcro between LED Star Curtain
(4) Release all reusable zip ties
(5) Clean the LED Star Curtain
(6) Fold the LED Star Curtain and put it into the carton

LED Star Curtain User's Manual

# Ⅴ. Program List

## 1. Program List

### Program List

| Program NO. | RGBY/W LED Star Curtain | White LED Star Curtain |
|---|---|---|
| Program 1 | Color chase | Color chase |
| Program 2 | All color shade | All color shade |
| Program 3 | All color change | Color change |
| Program 4 | Single color strobe | Color strobe |
| Program 5 | All on strobe | All on strobe |
| Program 6 | Red On | White On |
| Program 7 | Green On | White On |
| Program 8 | Blue On | White On |
| Program 9 | White On | White On |
| Program10 | Red + Green On | Two loops white on |
| Program11 | Red + Blue On | Two loops white on |
| Program12 | Green + Blue On | Two loops white on |
| Program13 | Red On / White On | Two loops white on |
| Program14 | Red strobe | White strobe |
| Program15 | Green strobe    - | White strobe |
| Program16 | Blue strobe | White strobe |
| Program17 | White strobe | White strobe |

## 2. DMX Address Setting

### DMX   Address   Setting
### ( Based on the controller with 16 channels )

| No. | Address SET | No. | Address SET |
|---|---|---|---|
| 1st | 1 | 4th | 49=1+48 |
| 2nd | 17=1+16 | 5th | 65=1+64 |
| 3rd | 33=1+32 | 6th | 81=1+80 |

LED Star Curtain User's Manual

## 3. DMX Channels Function

### DMX Channels Function

| Channel NO. | RGBW LED Star Curtain | White LED Star Curtain | Controller Data |
|---|---|---|---|
| CH 1 | Dimmer | Dimmer | 0~255 (dark~brightness) |
| CH 2 | Strobe | Strobe | 0~255 (slow~fast) |
| CH 3 | Red dimmer | white dimmer | 0~255 |
| CH4 | Green dimmer | white dimmer | 0~255 |
| CH 5 | Blue dimmer | white dimmer | 0~255 |
| CH 6 | White dimmer | white dimmer | 0~255 |
| CH 7 | Automatic program | Automatic program | 0~255(P1-P17) |
| CH 8 | Speed | Speed | 0~255 |

## VI. Replacement of the LEDs

1. Cut off the power supply

2. Disconnect the power cable and signal cable

3. Open the zip fastener at the side of led curtain

4. Disconnect the wires between the LEDS

5. Take out the LED holder from the cloth

6. Take out PCB board with LEDs ( please note not

7. Connect the replace PCB board with LEDs ( Please note the small marks "+" and "-" on the PCB board)

8. Insert the lamp holder into the hole made on the cloth

9. Connect the power cable and signal cable , then turn on the power for testing

10. Still without working, please test the wires connection

11. Close the cloth again