User Manual

Led Star Curtain DMX

Please read over this manual before operating the curtain

Custom LED Star curtain on www.led-cloth.com
1. 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℃, 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.

<table>
<thead>
<tr>
<th>International</th>
<th>EU Cable</th>
<th>UK Cable</th>
<th>US Cable</th>
<th>Pin</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>Brown</td>
<td>Red</td>
<td>Yellow/Copper</td>
<td>Fase</td>
</tr>
<tr>
<td>N</td>
<td>Blue</td>
<td>Black</td>
<td>Silver</td>
<td>Nul</td>
</tr>
<tr>
<td>⊥</td>
<td>Yellow/Green</td>
<td>Green</td>
<td>Green</td>
<td>Earth</td>
</tr>
</tbody>
</table>

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

1. Ultra bright led R/G/B/W or R/G/B/Y color mixing.
2. Pure color and long life.
3. Soft, smooth and flexible, can be folded.
4. Fire retardant velvet, against fire.
5. Small volume and light weight.
7. Easy installation and transportation.

III. Technology Parameters

1. Product Description

All White Star Curtains are made of high brightness led, and fire retardant velvet cloth. 20 exciting patterns, and support for 8 channels of DMX, the W 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.

2. Product Specification

Voltage: Input Voltage: AC90V-240V, 3A/2A, 50/60Hz. 25W/150W
   Output Voltage: DC 5V/5A, DC5V/30A
Fuse: 2A
Power consumption: 30W~150W
Lamp: Ultra bright 5mm led
Life: 50,000 hours
DMX channel: 8CH
LED Screen in the controller
Control system: DMX Controller / Sound Active / Auto run
Number of program: 29 programs
Led color: Blue/White
Number of LEDs: 6pcs LEDs per square meter
Cloth color: Black, White (Can be custom made)

3. Packing Include

One LED Star Curtain
One Controller
One Power Cable
One User Manual
Spare LEDs
Reusable Zip Ties
IV. Installation

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

Product Overview

(1) LED Star Curtain

![LED Star Curtain Diagram]

(2) Controller

![Controller Image]

(3) Controller Description

<table>
<thead>
<tr>
<th>Button</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>FUN</td>
<td>Menu or Function</td>
</tr>
<tr>
<td>ENTER</td>
<td>Display menu or set the selected menu</td>
</tr>
<tr>
<td>UP</td>
<td>Upwards the menu or increase the number</td>
</tr>
<tr>
<td>DOWN</td>
<td>Downwards the menu or decrease the number</td>
</tr>
</tbody>
</table>

(4) Menu Options
2. Installation

(1) After receiving the new Star Curtain, take out to check whether the Star Curtain is damaged, and all accessories is as per the Packing Include, make sure all things are already.
(2) Unfold the Star Curtain.
(3) Hang the 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 Star Curtain to make the nearby star curtain connect together.

Combine several pieces 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.

<table>
<thead>
<tr>
<th>Menu</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>PU</td>
<td>Program (01-50)</td>
</tr>
<tr>
<td>SP</td>
<td>Program speed (01-20, fast-slow)</td>
</tr>
<tr>
<td>Addr.</td>
<td>DMX Address</td>
</tr>
<tr>
<td>A001</td>
<td>DMX Address (001-512)</td>
</tr>
<tr>
<td>Sound</td>
<td>Sound active</td>
</tr>
<tr>
<td>All</td>
<td>All lights on</td>
</tr>
</tbody>
</table>

(5) Controller Operation

Press Fun to go between these menus

- Vision Number
- Model
- Sound
- Automatic
- Speed
- DMX Address

Press up or down to choose sound, automatic & DMX

Press up or down to choose program between 1-20

Fast---Slow

Combine several pieces 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.
(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-240V 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
V. Program List

1. DMX Address Setting

<table>
<thead>
<tr>
<th>Channel</th>
<th>Value</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>A001</td>
<td>A512</td>
<td>Address</td>
</tr>
<tr>
<td>P01</td>
<td>P50</td>
<td>Run</td>
</tr>
<tr>
<td>So01</td>
<td>So02</td>
<td>Sound</td>
</tr>
<tr>
<td>HOST</td>
<td>SLAV</td>
<td>Master-s</td>
</tr>
<tr>
<td>r001</td>
<td>r255</td>
<td>Red</td>
</tr>
<tr>
<td>G001</td>
<td>G255</td>
<td>Green</td>
</tr>
<tr>
<td>b001</td>
<td>b255</td>
<td>Blue</td>
</tr>
<tr>
<td>w001</td>
<td>w255</td>
<td>White</td>
</tr>
</tbody>
</table>

2. DMX Channels:

<table>
<thead>
<tr>
<th>Channel</th>
<th>Value</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1channel</td>
<td>0--255</td>
<td>Dimmer</td>
</tr>
<tr>
<td>2channel</td>
<td>0--255</td>
<td>Red (0%--100%, It’s Blue if BW LED star curtain)</td>
</tr>
<tr>
<td>3channel</td>
<td>0--255</td>
<td>Green (0%--100%, It’s White if BW LED star curtain)</td>
</tr>
<tr>
<td>4channel</td>
<td>0--255</td>
<td>Blue (0%--100%), From dark to bright</td>
</tr>
<tr>
<td>5channel</td>
<td>0--255</td>
<td>White (0%--100%), From dark to bright</td>
</tr>
<tr>
<td>6channel</td>
<td>0--255</td>
<td>Strobe, slow to fast</td>
</tr>
<tr>
<td></td>
<td>0--5</td>
<td>none</td>
</tr>
<tr>
<td>7channel</td>
<td>6--69</td>
<td>color pulse change</td>
</tr>
<tr>
<td></td>
<td>70--129</td>
<td>color jumped change</td>
</tr>
<tr>
<td></td>
<td>130--189</td>
<td>color gradient</td>
</tr>
<tr>
<td></td>
<td>190--249</td>
<td>white Chase</td>
</tr>
<tr>
<td></td>
<td>250--255</td>
<td>Sound ON</td>
</tr>
<tr>
<td>8channel</td>
<td>0--255</td>
<td>Speed (slow to fast)</td>
</tr>
</tbody>
</table>
Sound and run process Description:

Sound:
- So01 - ----- Color jumped change
- So02 -- ---- Color strobe transition

Run:
- P01–P09---- Color select
- P10–P13---- Color jumped change
- P14–P27---- Color gradient
- P27–P41---- Color gradient strobe
- P42–P45---- Color gradient
- P46–P50---- Color Chase

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 LED
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

Thank you!
All info is subject to change without prior notice!