LED VISION CURTAIN SERIES

LED VISION CURTAIN

USER'S MANUAL

THANK-YOU

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

The LED Vision 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 !

User Manual

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

(Please check the help file in software for how to make DIY Patterns)

Ⅰ. Safety Notes

1. After receiving the new LED Vision 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 Vision Curtain is for indoor use only!
3. LED Vision Curtain should be far from rain, moisture, water and any other liquid.
4. LED Vision Curtain should be far from flammability, explode and heating.
5. LED Vision Curtain should be far from shock,vibration,impact and dust.
6. LED Vision 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 Vision Curtain should be processed by qualified person.
8. Make sure no ventilation slots are blocked.
9. Prohibit trample and tear the LED Vision 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 Vision 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:

Ⅱ. Advantages

1. SMD LEDs 3 in 1 / RGB mixing 7 colors.
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 Vision Curtain are made of high brightness SMD LEDs 3 in 1/RGB, and fire retardant velvet cloth. 35 exciting patterns , and support for 8 channels of DMX, the LED Vision 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, 3A/2A,50/60Hz. 25W/150W
          Output Voltage: DC 5V/5A, DC5V/30A
Fuse:2A
Power consumption: 30W~150W
Lamp: SMD LEDs 3 in 1 / RGB
Life: 50,000 hours
LED Pitch: 18cm / 9cm
DMX channel: 8 ch
LCD Screen in the controller
Control system: Controller with SD Card / DMX Controller / Sound Active / Auto run
Number of program: 35 programs
Led color: 3 in 1 / RGB , mixing 7 colors
Cloth color: Black , White (Can be custom made)

3. Packing Include

One LED Vision Curtain
One Controller
One Power Cable
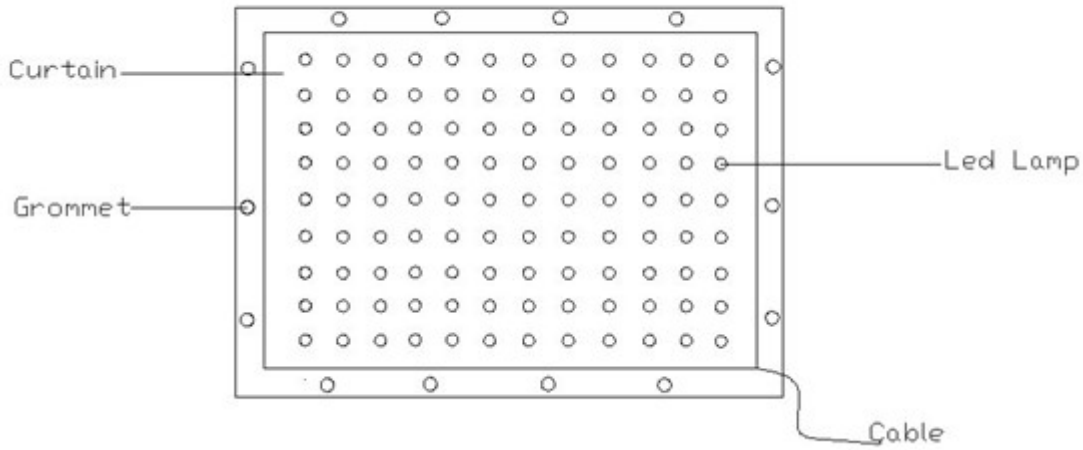One User Manual
Spare LEDs
Reusable Zip Ties
One DVD
Note: The curtain is connected to the controller directly.

Ⅳ. Installation

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

1. Product Overview

(1) LED Vision Curtain

(2) Controller

CH1:Dimmer
CH2:Strobe
CH3:Red
CH4:Green
CH5:Blue
CH6:Preset patterns select
CH7:DIY Patterns select
CH8:Speed

POWER IN   SWITCH   DMX IN   LED CURTAIN
                POWER OUT   DMX OUT

(3) Controller Description

Button	Function
<MODE>	Press to find an operation mode or to back out of the current menu option
<UP>	Press to scroll up the list of options or to find a higher value
<DOWN>	Press to scroll down the list of options or to find a lower value
<ENTER>	Press to activate a menu option or a selected value

(4) Menu Options

MODE	Programming Steps		Description
Version	Software Version		Shows the software version number
Automatic	NO		Disables unit's auto mode function
	YES		Enables unit's auto mode function
Sound	NO		Disables unit's sound mode function
	YES		Enables unit's sound mode function
DMX Mode	NO		Disables unit's DMX512 mode function
	YES	1~512	Enables unit's DMX512 mode and sets starting address
Speed	1~12		Shows the software version number
Program	1~35	NO	Disables unit's auto mode function
		YES	Enables unit's auto mode function

(5)DMX Address Setting

To select the starting address, do the following:

(1) Press <MENU> repeatedly until DMX shows on the display.

(2) Press <ENTER>.

(3) Press <UP> to select Yes in the menu.

(4) Press <ENTER>. Address should appear on the screen.

(5) Use <UP> or <DOWN> to select the starting address.

(6) Press <ENTER>.

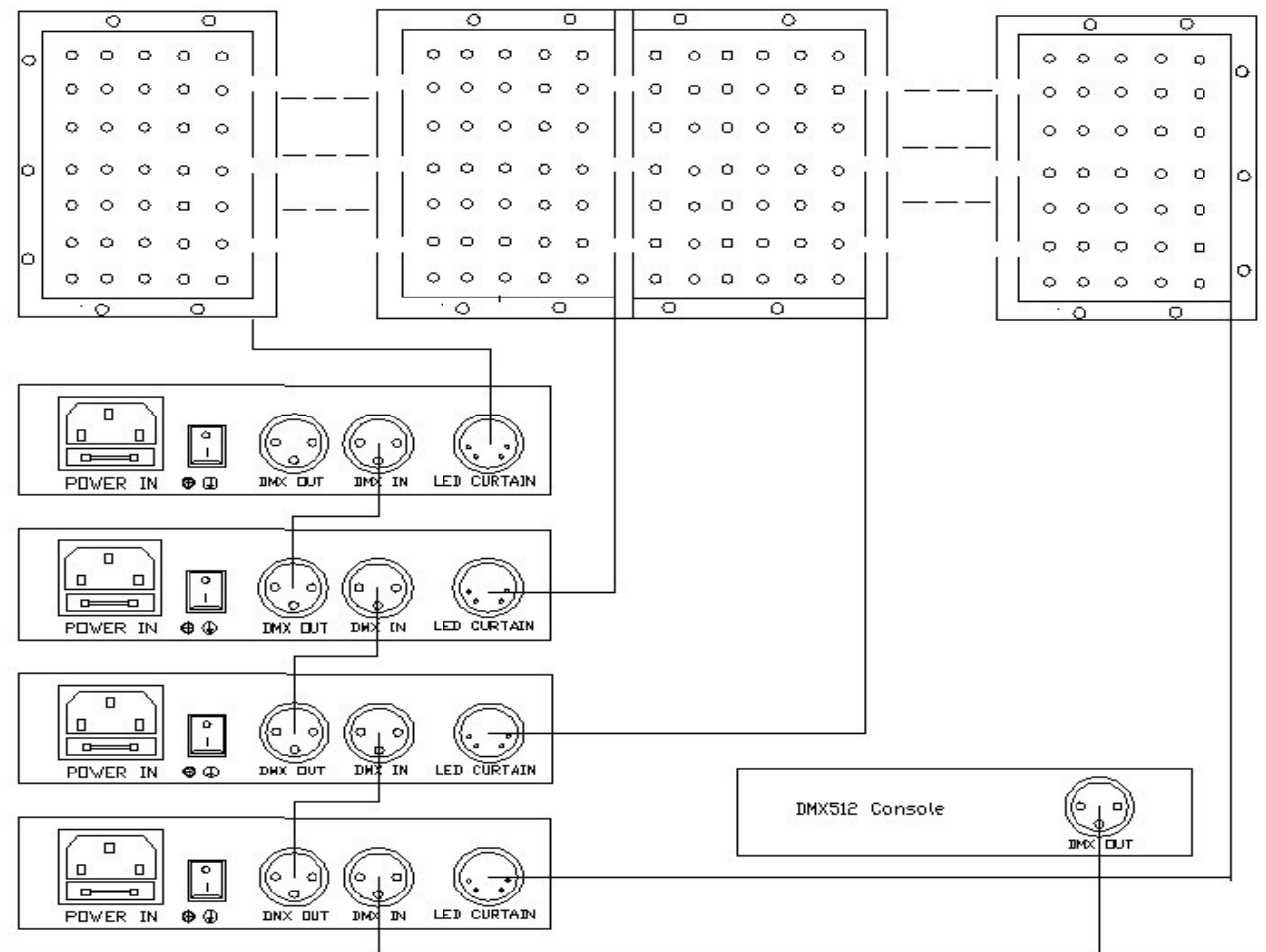KHX LED Vision Curtain User's Manual

(6)DMX Channels Function

Channel NO.	Function	Controller Data
CH 1	DIMMER	0~255
CH 2	Strobe	0~255
CH 3	Red	0~255
CH4	Green	0~255
CH 5	Blue	0~255
CH 6	Preset Patterns select	1-35 Patterns select
CH 7	DIY Patterns select	1-18 Patterns select
CH 8	Speed	11~255 (Slow ~ Fast)

KHX LED Vision Curtain User's Manual

2. Installation

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

Combine several pieces LED Vision Curtain to make a big curtain

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

KHX LED Vision Curtain User's Manual

(1) Signal Cable Connection

There is Signal Cable with 4pin 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-240V 50Hz-60Hz.

(3) Disassembly

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

V. 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
(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.

(Please check the help file in software for how to make DIY Patterns)