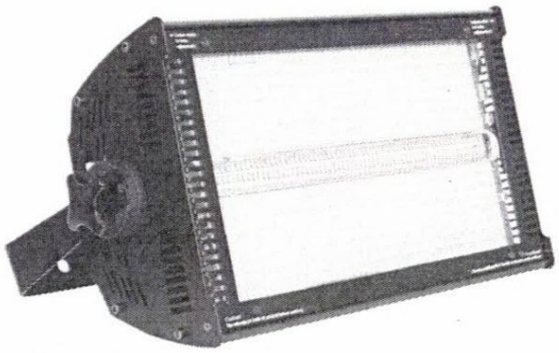
STROBE RGBW



USER MANUAL

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Safety instruction

Warning! **Warning!** **Warning!**

Please read the instruction carefully which includes important information about the installation, usage and maintenance.

Please keep this User Manual for future consultation. If you sell the unit to another user, besure that they also receive this instruction booklet.

1.Unpack and check carefully there is no transportation damage before using the unit.

2.Before operating, ensure that the voltage and frequency of power supply match the powerrequirements of the unit.

3.It's important to ground the yellow/green conductor to earth in order to avoid electric shock.

4.The unit is for indoor use only. Use only in a dry location.

5.The unit must be installed in a location with adequate ventilation, at least 50cm from adjacentsurfaces. Be sure that no ventilation slots are blocked.

6.Disconnect main power before replacement or servicing.

7.Make sure there are no flammable materials close to the unit while operating as it is fire hazard.

8.Use safety cables when fixing this unit. DO NOT handle the unit by its head only, always carry byits base.

9.Maximum ambient temperature is Ta: 40 degrees C. DO NOT operate it where the temperatureis higher than this.

10.Unit surface temperature may reach up to 75 degrees C. DO NOT touch the housing with bare-hands during its operation. Turn off the power and allow about 15 minutes for the unit tocool down before replacing or serving.

11.In the event of a serious operating problem, stop using the unit immediately. Never try to repairthe unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction.

12.Please contact the nearest authorized technical assistance center. Always use the same typespare parts.

13.DO NOT touch any wire during operation as high voltage may cause electric shock.

Warning:

1.To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain ormoisture.

2.The housing and lenses must be replaced if they are visibly damaged.

Caution:

There are no user serviceable parts inside the unit. Do not open the housing or attempt anyrepairs yourself. In the unlikely event your unit may require service, please contact your nearestdealer.

Installation:

The fixture should be mounted via its Omega Quick Release Clamp bracket. Always ensure thatthe unit is firmly fixed to avoid vibration and slipping while operating and make sure that thestructure to which you are attaching the unit is secure and is able to support a weight of 10times of the fixtures weight. Always use a safety cable that can hold 12 times of the weight ofthe fixture when installing.

The equipment must be installed by professionals. It must be installed in a place where is out ofthe reach of people and no one can pass by or under it.

Introduction

Thank you for selecting the STROBE 1200 RGBW product. This versatile product can be used for a wide variety of effects:

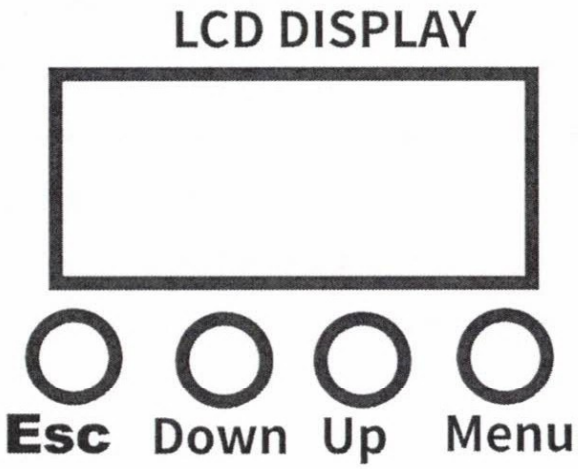
- Compact strobe fixture
- Compact blinder fixture
- Compact video pixel with 18 sections of individual control

As the fixture is IP20-rated, it is suitable for indoor applications,such as nightclub,church,concerts..

Before using the product for the first time

1. Read 'Safety information' before installing, operating or servicing the fixture.
2. Unpack and ensure that there is no transportation damage before using the fixture. Do not attempt to operate a damaged fixture.
3. Before operating, ensure that the voltage and frequency of the power supply match the power requirements of the fixture.
4. Obtain a power cable fitted with IP20 powerCON connector.
5. Obtain a DMX cable fitted with IP20 connector.

How to set unit



Button:

MUSE	To select the programming functions
ENTER	To go forward to the selected functions
UP	To the previous functions
DOWN	To the next functions

MAINS IN:

Powercon connection from main power supply

DMX IN:

DMX512 link,use 3pin/5pin XLR cable to link the unit and DMX controller

DMX OUT:

DMX512 link,use 3pin/5pin XLR cable to link the next unit and output DMX signal.

MAIN FUNCTION

To select any of the given functions, press the MUSE button until the required function is showing onthe display. Select the function by pressing the ENTER button again and the display will blink. Use theDOWN/UP buttons to change the mode. Once the required mode has been selected, press theENTER button to setup, to go back to the functions without any change press the MUSE button.

The main functions are shown overleaf:

DMX Functions

Enter MUSE mode, select DMX Functions, press the ENTER button to confirm, use theUP/DOWN button to select DMX Address, DMX Channel Mode or View DMX Value.

DMX Address

To select DMX Address, press the MUSE button to show the DMX ADDRESS on the display. Usethe UP/DOWN button to adjust the address from 001 to 512, press the button to setup. Press the MUSE button back to the last menu or let the unit idle one minute to exit menu mode.

DMX Channel Mode

To select DMX Channel Mode, press the ENTER button to show the DMX CHANNEL MODE on thedisplay. Use the UP/DOWN button to select different channels, and press the ENTER button tosetup. Press the MUSE button back to the last menu or let the unit idle one minute toexit menu mode.

CONTROL BY DMX

1. If you using a controller with 5 pins DMX output, you need to use a 5 to 3 pin adapter-cable.
2. The last units DMX cable has to be terminated with a 120 ohm 1/4W resistor between pin2(DMX-) and pin 3(DMX+) of a 3-pin XLR-plug and plug it in the DMX-output of the last unit.
3. Connect the unit together in a `daisy chain` by XLR plug from the output of the unit to theinput of the next unit. The cable can not branched or split to a `Y` cable. DMX 512 is a veryhigh-speed signal. Inadequate or damaged cables, soldered joints or corroded connectors caneasily distort the signal and shut down the system.
4. The DMX output and input connectors are pass-through to maintain the DMX circuit, whenone of the units' power is disconnected.
5. Each fixture unit needs to have an address set to receive the data sent by the controller. Theaddress number is between 1-512.
6. The end of the DMX 512 system should be terminated to reduce signal errors.
7. 3 pin XLR connectors are more popular than 5 pin XLR.
3 pin XLR: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)
5 pin XLR: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+),
Pin 4/Pin 5: Not used.

MENU			
1	**Programming**	**Menu item**	**Description**
2	**DmxAdderss**	**A001-A512**	
3	**Run Mode**	**D512**	**DMX**
		Auto	**Auto** **0-30**
			Speed **01 - 99**
4	**Chan Mode**	**6ch**	
		16ch	
		42ch	
5	Display	**Light off**	**light**
			1Min
			2Min
			3Min
		Menu Back	light
			1Min
			2Min
			3Min
		Light Flash	Off
			On
6	**Balance**	**All Sw**	Off/on

6	Balance	Red（50-255）	
		Green（50-255）	
		Blue（50-255）	
		white（50-255）	
	Default	Off	
		On	
	DMX Clea	Off	
		On	
7	Manual	Dimmer	0-255
		Strobe	0-255
		Red	0-255
		Green	0-255
		Blue	0-255
		white	0-255
8	Info	Run Time	0000-9999
		Temperature	XXX
		Dev Version	Vx.xx

MENU

DMX CHART

6-channel mode

Channel	Value	Function
1	000-255	Master Dimmer
2	000-255	Strobe with increasing speed 0-100%
3	000-255	Red 0-100%
4	000-255	Green 0-100%
5	000-255	Blue 0-100%
6	000-255	White 0-100%

16-channel mode

Channel	Value	Function
1	000-255	Mater dimmer
2	000-255	Yellow 0-100%
3	000-255	Red 0-100%
4	000-255	Green 0-100%
5	000-255	Blue 0-100%
6	000-255	White 0-100%
7	000-255	Strobe effect
8	000-255	Strobe with increasing speed 0-100%
9	000-255	Strobe duration
10	000-255	White color internal programs
11	000-255	Increasing speed(0-100%) of white running
12	000-255	RGB internal programs
13	000-255	Increasing speed(0-100%) of RGB running
14	000-255	Auto run color change
15	000-255	Color presets(RGB mixing)
16	000-255	Auto Run direction(L-R/R-L)

42-channel mode

Channel	Value	Function	
1	000-255	Red 0-100%	LED Group 1
2	000-255	Green 0-100%	
3	000-255	Blue 0-100%	
4	000-255	Red 0-100%	LED Group 2
5	000-255	Green 0-100%	
6	000-255	Blue 0-100%	
7	000-255	Red 0-100%	LED Group 3
8	000-255	Green 0-100%	
9	000-255	Blue 0-100%	
10	000-255	Red 0-100%	LED Group 4
11	000-255	Green 0-100%	
12	000-255	Blue 0-100%	
13	000-255	Red 0-100%	LED Group 5
14	000-255	Green 0-100%	
15	000-255	Blue 0-100%	
16	000-255	Red 0-100%	LED Group 6
17	000-255	Green 0-100%	
18	000-255	Blue 0-100%	
19	000-255	Red 0-100%	LED Group 7
20	000-255	Green 0-100%	
21	000-255	Blue 0-100%	
22	000-255	Red 0-100%	LED Group 8
23	000-255	Green 0-100%	
24	000-255	Blue 0-100%	
25	000-255	Red 0-100%	LED Group 9
26	000-255	Green 0-100%	
27	000-255	Blue 0-100%	

28	000-255	Red 0-100%	LED Group 10
29	000-255	Green 0-100%	
30	000-255	Blue 0-100%	
31	000-255	Red 0-100%	LED Group 11
32	000-255	Green 0-100%	
33	000-255	Blue 0-100%	
34	000-255	Red 0-100%	LED Group 12
35	000-255	Green 0-100%	
36	000-255	Blue 0-100%	
37	000-255	White group 1 dimming from 0-100%	
38	000-255	White group 2 dimming from 0-100%	
39	000-255	White group 3 dimming from 0-100%	
40	000-255	White group 4 dimming from 0-100%	
41	000-255	White group 5 dimming from 0-100%	
42	000-255	White group 6 dimming from 0-100%	

MAINTENANCE

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

A. The unit does not work, no light and the fan does not work

1. Check the connection of power and main fuse.
2. Measure the mains voltage on the main connector.
3. Check the power on LED.

B. Not responding to DMX controller

1. DMX LED should be on. If not, check DMX connectors and cables to see if link properly.
2. If the DMX LED is on and no response to the channel, check the address settings andDMX polarity.

3. If you have intermittent DMX signal problems, check the pins on connectors or on PCB of theunit or the previous one.
4. Try to use another DMX controller.
5. Check if the DMX cables run near or run alongside to high voltage cables that may causedamage or interference to DMX interface circuit.
C. One of the channels is not working well
1. The stepper motor might be damaged or the cable connected to the PCB is broken.

TECHNICAL SPECIFICATION

◎ Voltage:AC110V-240V,50/60Hz
◎ Light source: Mainly output is 216pcs of 1W white SMD LED, and aura light is used 768pcs RGB 3in1 SMD LED
◎ Power consumption(Flashing mode):500W
◎ Continuous lighting mode:380W
◎ Lifespan:50,000 hours
◎ Beam angle:80 degree for white color with optical reflecting patter, 120 degree for aura
◎ Dimming:0-100% linear electronic dimming
◎ Strobe:0-30 times/sec
◎ Control mode:DMX512,Master/slave,Auto run,manual
◎ Channel:6/16/42CH
◎ Cooling:silent fans keep fixtures cooling
◎ 18 blocks individual controlled,can make hundreds of special effects
◎ Color temperature:5000-6500K
◎ Housing:Fire and explosion-proof aluminum