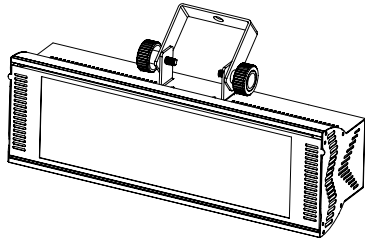


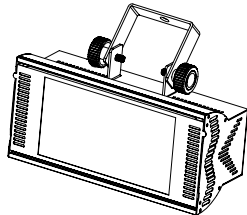
Disco Effect lighting

Professional Lighting Technology

DMX Strobe



1500W



750W

User Guide

Please read these instructions carefully before use

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1. Introduction

Congratulations on the purchase of your new strobe light. We are confident you will enjoy many trouble free hours with this unit. To assist with the care and use of the product we have prepared this short guide.

2. Safety Precaution

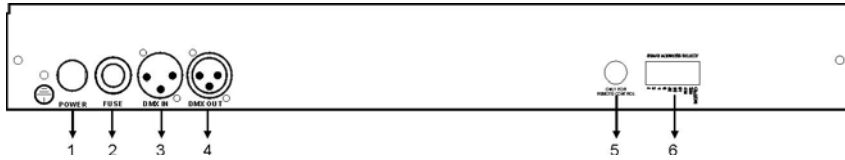


- Avoid direct eye exposure.
- Disconnect from mains power before replacing lamp or servicing.
- Always replace the lamp with same type.
- To prevent fire or shock hazard, do not expose this unit to rain or moisture.
- Do not use this product continuously longer than 15 minutes under maximum speed and dimmer.

The following points are important for safety as well as for the smooth installation and performance of the unit.

- Unpack carefully and be sure that no damage has occurred during transportation.
- It is very important to ground the yellow/green conductor in order to meet safety regulations.
- Do not connect the device to any dimmer pack.
- The electrical work that is necessary for installation must be done by qualified personnel.
- Be sure to locate the unit in a place with adequate ventilation at least 15 cm from the walls. Be sure that no ventilation slots are blocked.
- Be careful that no liquids or other objects can enter into the unit. If this ever happens, disconnect the main power immediately.
- In the event of serious operating problems, turn off the power immediately. Never try to repair the unit by yourself. Repairs carried out by non-qualified personnel can lead to serious damage or malfunction. Please contact your dealer for technical assistance. Always use genuine spare parts.
- Always remember to unplug the unit from the mains power before any service is done.

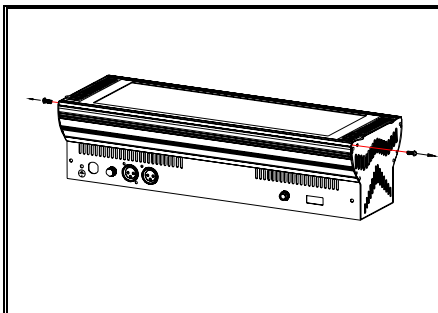
3. General Functions



1. POWER INPUT: AC 120V/230V 60/50Hz
2. FUSE: 15A
3. DMX IN: XLR male socket, use to receive DMX signals.
4. DMX OUT: XLR female socket, use to transmit DMX signals.
5. Remote controller input: By connecting to the 1/4 "microphone jack to control the unit for Stand by, Function and Mode.
6. DMX DIP SWITCH: Dipswitches 1-9 are used to set DMX address of the unit. Assign dip switch 10 ON, this unit is in master mode, assign dip switch 10 OFF, this unit is in DMX or slave mode, In master/slave linking, you have to set dipswitch 10 ON for the first unit, and set dipswitch 10 OFF for the other units.

4. How To Change The Lamp

- Always switch off the main supply and never handle the lamp or luminaire when it is hot.
- Do not touch the bulb with bare hands. If this does happen, clean the lamp with denatured alcohol and wipe with a lint free cloth before installing.
- Remember always replace the lamp with the same type lamp.



1. Loose the screws on the metal base at bottom.

	<p>2. Open the glass base-cover.</p>
	<p>3. Loose the screws of the lamp wire from terminator.</p>
	<p>4. Take out the old lamp and replace the new one to the fixture.</p>
	<p>5. Connect the lamp wire to the terminator.</p>
	<p>6. Reverse the procedures from step 2 to step 1.</p>

5. How To Control the Unit

You can operate the unit in three ways:

A. By Master/slave Built-in Preprogrammed Function

By linking the units in master/slave connection, the first unit will control the other units to give an automatic activated synchronized light show. In this mode, the first unit (master) dipswitch 10 must be on. This function is good when you want an instant show. You will know which unit is the master because its DMX input jack will have nothing plugged into it.

Channel	Dipswitches setting
1	↓ ON 1 2 3 4 5 6 7 8 9 10
3	↓ ON 1 2 3 4 5 6 7 8 9 10
5	↓ ON 1 2 3 4 5 6 7 8 9 10
7	↓ ON 1 2 3 4 5 6 7 8 9 10

The other units (slaves) will have DMX cables plugged into the DMX input jacks (daisy chain). Please refer to the diagram on setting the dipswitches.

Chase pattern in 4-light show mode:

Pattern 1	1234 Full on
Pattern 2	1-2-3-4 — 4-3-2-1
Pattern 3	1-2-3-4-4-3-2-1
Pattern 4	12-34 — 23-14
Pattern 5	1-12-123-1234-123-12-1-stop — 4-43-432-4321-432-43-4-stop
Pattern 6	1-2-1-2-3-4-3-4—4-1-4-1-3-2-3-2

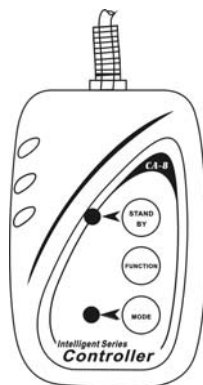
B. By Easy Controller

The easy remote control is used only in master/slave mode. By connecting to the 1/4" microphone jack of the first unit, you will find that the remote control on the first unit will control all the other units for Stand by, Function and Mode.

-- **STAND BY** : stand by and blackout all the unit.

-- **FUNCTION** :

- Under Audio status (LED light off), hold on the button, all the units will strobe quickly.
- Under Manual status (LED light on), press the button for choosing next pattern, triggered by music.
- Under Auto status (LED light blinking), press the button briefly to choose the patterns (6 patterns varied with different speeds: fast, normal, or slow). Hold on the button to choose the 6 patterns varied with 3 different brightness.



-- **MODE**:

- AUDIO status (LED light off): All patterns triggered by music.
- MANUAL status (LED light on): Press button Function to choose the next pattern triggered by music.
- AUTO status (LED light blinking): Press button Function briefly for speed selection, hold on the Function button for brightness selection.

C. By universal DMX controller

If you use a universal DMX controller to control the units, you have to set dip-switches from 1 to 9 of the channel so that all the units will receive its DMX signal. Please refer to the following diagram to know how to address your DMX512 system in the binary code.

DMX512 Address Chart

Dip	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Value	1	2	4	8	16	32	64	128	256	M/S

◊ Examples:

Channel 1 : dip / on : #1 (1)

Channel 3 : dip / on : #1, #2 (1 + 2 = 3)

Channel 5 : dip / on : #1, #3 (1 + 4 = 5)

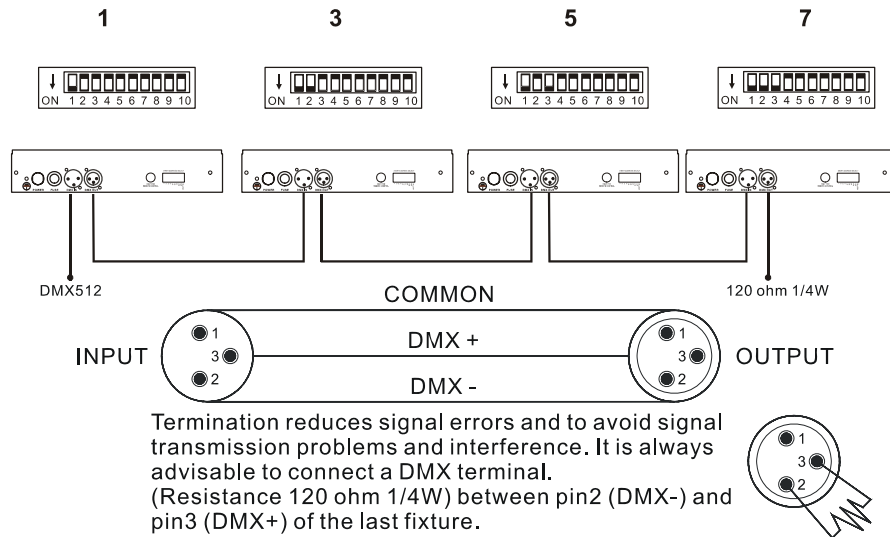
Channel 7 : dip / on : #1, #2, #3 (1 + 2 + 4 = 7)

Channel	Dipswitches setting
1	↓ ON 1 2 3 4 5 6 7 8 9 10
3	↓ ON 1 2 3 4 5 6 7 8 9 10
5	↓ ON 1 2 3 4 5 6 7 8 9 10
7	↓ ON 1 2 3 4 5 6 7 8 9 10

6. DMX512 Configuration

DMX512 configuration		
DMX512 Level rang 0~255	Channel 1	Channel 2
240~255	Strobe Speed	Dimmer
224~239	Speed 15	Dimmer 15
208~223	Speed 14	Dimmer 14
192~207	Speed 13	Dimmer 13
176~191	Speed 12	Dimmer 12
160~175	Speed 11	Dimmer 11
144~159	Speed 10	Dimmer 10
128~143	Speed 9	Dimmer 9
112~127	Speed 8	Dimmer 8
96~111	Speed 7	Dimmer 7
80~95	Speed 6	Dimmer 6
64~79	Speed 5	Dimmer 5
48~63	Speed 4	Dimmer 4
32~47	Speed 3	Dimmer 3
16~31	Speed 2	Dimmer 2
0~15	Speed 1	Dimmer 1
	Stopped	Blackout

7. DMX512 Connection



The DMX512 is widely used in intelligent lighting control, with a maximum of 512 channels.

1. If you using a controller with 5 pins DMX output, you need to use a 5 to 3 pin adapter-cable.
2. At last unit, the DMX cable has to be terminated with a terminator. Solder a 120 ohm 1/4W resistor between pin 2(DMX-) and pin 3(DMX+) into 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 the input of the next unit. The cable can not be branched or split to a 'Y' cable. DMX512 is a very high-speed signal. Inadequate or damaged cables, solder joints or corroded connectors can easily distort the signal and shut down the system.
4. The DMX output and input connectors are pass-through to maintain the DMX circuit, when power is disconnected to the unit.
5. Each lighting unit needs to have an address set to receive the data sent by the controller. The address number is between 0-511 (usually 0 & 1 are equal to 1).
6. The end of the DMX512 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 (+)

8. Troubleshooting

- If the unit is not functioning well – check main power supply is 'on' and check fuses.
- If the unit is functioning but lamp does not light - may require replacing lamp.
- If the unit is not moving to the music, check the sound-activation adjustment (when applicable)
- After trying these solutions, you still have a problem, contact your dealer for technical assistance.
- The unit has built-in thermal switch. The lamp will not work when the internal temperature is above 80°C, and the lamp will work again when the internal temperature is cool down.

⚠ Caution

- Do not obstruct the air vents.
- Do not touch the unit while it's hot.
- No user serviceable parts inside, please refer to the nearest authorized technical assistance office for service.

Technical Specifications

Power	AC 120V 60Hz / AC 230V 50-60Hz	
Fuse	Circuit break 15A	
Lamp	XENON 1500W	XENON 750W
Dimensions	452 x 147.5 x 116 mm	307 x 147.5 x 116 mm
Weight	3.2 kg	2.7 kg

Innovation , Quality , Performance