

COB LED

Outdoor Series

4x100W COB Led Blinder Light



This product manual contains important information about the safe installation and use of this projector.
Please read and follow these instructions carefully and keep this manual in a safe place for future reference.

User Manual

CONTENTS

1. INSTRUCTION

- 1) Unpacking
- 2) Introduction
- 3) AC Power
- 4) Safety Instruction
- 5) Cleaning

2. FEATURE

3. SET UP

- 1) 3-Pin to 5-Pin Conversion Chart
- 2) Setting up a DMX Serial Data Link
- 3) Master/Slave Fixture Linking

4. DMX CHANNEL SUMMARY

- 1) Operation method
- 2) Dmx Channels

1. INSTRUCTION

Led Blinder Light

Unpacking: Thank you for purchasing our products. Every unit has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit has arrived intact. In the case damage has been found or parts are missing, Save the carton and all packing materials. In the event a fixture must be returned to the factory. It is important that the fixture be returned in the original factory box and packing.

Introduction: The unit is a DMX intelligent Led Blinder Light. This light can be used in a stand alone mode or connected in a Master/Slave configuration. The unit can also be controlled via DMX controller. This light has three operating modes: stand alone mode, Master/Slave and DMX control mode.

AC Power: This fixture has an auto-switching power supply that can accommodate a wide range of input voltages. The only thing necessary to do before powering on the unit is to make sure the line voltage you are applying is within the range of accepted voltages. This fixture will accommodate between 90V and 240V AC. All fixtures must be powered directly off a switched circuit and cannot be run off a rheostat (variable resistor) or dimmer circuit. Even if the rheostat or dimmer channel is used solely for a 0-100% switch.

Safety Instructions:

Please read these instructions carefully, which includes important information about the installation, usage and maintenance of this product.

- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture
- • Do not spill water or other liquids into or on to your unit.
- • Be sure that the local power outlet match that of the required volt-age for your unit.
- • Do not attempt to operate this unit if the power cord has been frayed or broken. Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- • Disconnect from main power before making any type of connection.
- • Do not remove the cover under any conditions. There are no user serviceable parts inside.
- • Never operate this unit when it's cover is removed.
- • Never plug this unit in to a dimmer pack
- • Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- • Do not attempt to operate this unit, if it becomes damaged.
- • This unit is intended for outdoor and indoor use.
- • During long periods of non-use, disconnect the unit's main power.
- • Always mount this unit in safe and stable matter.
- • Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point they exit from

the unit.

- • Cleaning -The fixture should be cleaned only as recommended by the manufacturer. See page 3 for cleaning details.
- • Heat -The appliance should be situated away from heat sources, such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- • The fixture should be serviced by qualified service personnel when:
 - a) The power-supply cord or the plug has been damaged.
 - b) Objects have fallen, or liquid has been spilled into the appliance.
 - c) The appliance has been exposed to rain or water.
 - d) The appliance does not appear to operate normally or exhibits a marked change in performance.

Caution! There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, doing so will void your manufacturers warranty. In the unlikely event your unit may require service please contact us.

Cleaning: Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

1. Use normal glass cleaner and a soft cloth to wipe down the outside casing.
2. Clean the external optics with glass cleaner and a soft cloth every 20 days.
3. Always be sure to dry all parts completely before plugging the unit back in.

Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew).

2. Features

Led Blinder Light

VOLTAGES:

AC 100V-240V, 50/60Hz

POWER CONSUMPTION:

420W@230V

LED:

Light Source: 4*100W Warm White+Cool White 2 in 1 COB Leds

Quantity: 4pcs

Manufacturers Rated LED Life 50000 Hours

COLOURS:

linear color mixing with Macro

DIMMER:

0-100% linearly adjustable

STROBE:

Electronic Strobe 0 -25F.P.S

IP RATE:

IP65 Outdoor

BEAM ANGLE: more than 50°

CONTROL:

DMX512, 4 pins interfaces RDM Control Protocol

2 / 6/12 Channels in standard mode Master/Slave Synchronous

Control Mode:

DMX512 / Master-Slave / Auto / Sound

HOUSING:

Cast aluminum, IP20 Indoor

WORK ENVIRONMENT TEMPERATURE: -10°C-40°C

DIMENSION:

410*390*250MM

WEIGHT:

Net weight : 12.00Kg

3. Set Up

Led Blinder Light

Notice: Be sure to follow figures two and three when making your own cables. Do not use the ground lug on the XLR connector. Do not connect the cable's shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR's outer casing. Grounding the shield could cause a short circuit and erratic behavior.

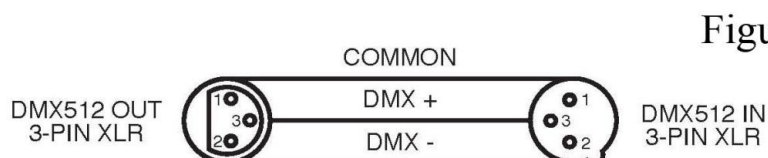


Figure 1

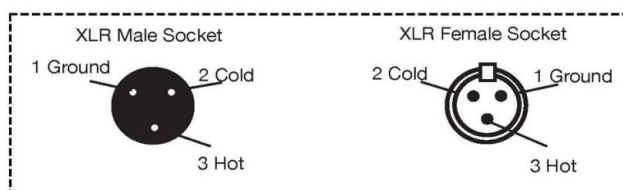


Figure 2

Figure 3

XLR Pin Configuration
Pin 1 = Ground

Pin 2 = Data Compliment(negative)
Pin 3 = Data True(positive)

3-Pin to 5-Pin Conversion Chart:

Note! If you use a controller with a 5 pin DMX output connector, you will need to use a 5 pin to 3 pin adapter. The chart below details a proper cable conversion:

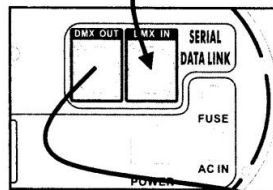
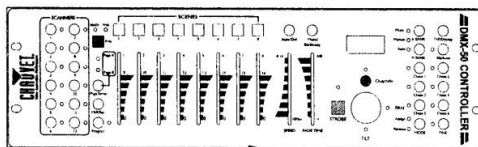
3-Pin to 5-Pin Conversion

Conductor	3 Pin Female(Output)	5 Pin Male(Input)
Ground/Shield	Pin 1	Pin 1
Data(-) signal	Pin 2	Pin 2
Data(+) signal	Pin 3	Pin 3
Not Used		Do not use
Not Used		Do not use

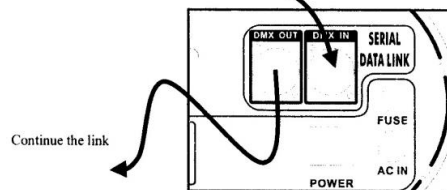
Setting up a DMX Serial Data Link:

1. Connect the (male) 3 pin connector side of the of the controller.
2. Connect the end of the cable coming from the to the input connector of the next fixture consis
3. Then, proceed to connect from the output as s so on.

Universal DMX Controller



This drawing provides a general illustration of the DMX Input/Output panel of a lighting fixture.

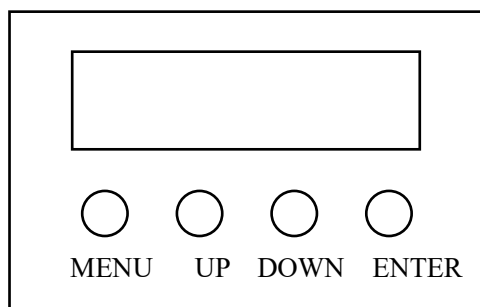


Master/Slave Fixture Linking:

1. Connect the (male) 3 pin connector side of the DMX cable to the output (female) 3 pin connector of the first fixture.
2. Connect the end of the cable coming from the first fixture which will have a (female) 3 pin connector to the input connector of the next fixture consisting of a (male) 3 pin connector. Then, proceed to connect from the output as stated above to the input of the following fixture and so on.

4.1 Operation method

1. keystrokes



2. Basic usage

【MENU】 The main menu select or return to the higher level menu

【UP】 Increasing menu choices or parameters

【DOWN】 Menu to select or parameters

【ENTER】 Enter or select submenu

LED Display Screen Operation:

No.	Display	Function
1	A001	6CH DMX Starting Address (001-512)
2	D001	12CH DMX Starting Address (001-512)
3	H001	2CH DMX Starting Address (001-512)
4	CL00	Quick Jump 8 Color Chase (Speed 1-99)
5	CP00	Gradual Change 8 Color Chase (Speed 1-99)
6	SE00	Pulse Change 8 Color Chase (Speed 1-99)
7	BEB1	Sound Activated
8	r255	Warm white Preset (Level 0-255)
9	G255	White Preset (Level 0-255)
10	N000	Strobe

4.2 Dmx Channels

6 DMX Channels

Channel	Function	No.
CH1	Dimmer	Linear dimming, from dark to bright
CH2	Strobe	Strobe, from slow to fast
CH3	Function	0-20 NC 21-135 Jump Change 136-240 Gradual Change 226-240 Pulse Change 241-255 Sound Activated
CH4	Speed	From slow to fast
CH5	Warm White	Warm White dimmer, (0-255) linear dimmer, the brightness is from dark to bright.
CH6	Cool White	Cool White dimmer, (0-255) linear dimmer, the brightness is from dark to bright.

12 DMX Channels

Channel	Function	No.
CH1	Dimmer	Linear dimming, from dark to bright
CH2	Strobe	Strobe, from slow to fast
CH3	Function	0-20 NC 21-135 Jump Change 136-240 Gradual Change 226-240 Pulse Change 241-255 Sound Activated
CH4	Speed	From slow to fast
CH5	Warm White1	Warm White 1 dimmer, (0-255) linear dimmer, the brightness is from dark to bright.
CH6	Cool White1	Cool Warm White 1 dimmer, (0-255) linear dimmer, the brightness is from dark to bright.
CH7	Warm White2	Warm White 2 dimmer, (0-255) linear dimmer, the brightness is from dark to bright.
CH8	Cool White2	Cool Warm White 2 dimmer, (0-255) linear dimmer, the brightness is from dark to bright.
CH9	Warm White3	Warm White 3 dimmer, (0-255) linear dimmer, the brightness is from dark to bright.
CH10	Cool White3	Cool Warm White 3 dimmer, (0-255) linear dimmer, the brightness is from dark to bright.
CH11	Warm White4	Warm White 4 dimmer, (0-255) linear dimmer, the brightness is from dark to bright.
CH12	Cool White4	Cool Warm White 4 dimmer, (0-255) linear dimmer, the brightness is from dark to bright.

2 DMX Channels

Channel	Function	No.
CH1	Warm White	Warm White dimmer, (0-255) linear dimmer, the brightness is from dark to bright.
CH2	Cool White	Cool White dimmer, (0-255) linear dimmer, the brightness is from dark to bright.