

User Manual

EVO BLINDER 1000IP



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WARNING! The Led Moving Bar (LMB) has a powerfull tilt motor. The torque reaction when the head is tilted suddenly can cause the base to move if the fixture is standing unsecured on a surface. Do not apply power to the LMB unless the baase is securely fastened to a surface or to rigging hardware.



WARNING! Use 2 clamps to rig the fixture. Do not hang the fixture from only one clamp. Lock each clamp with both 1/4-turn fasteners. Fasteners are locked only when turned a full 900 clockwise.



WARNING! When clamping the fixture to a truss or other structure at any other angle than with the yoke hanging vertically downwards, use two clamps of half-coupler type. Do not use any type of clamp that does not completely encircle the structure when fastened.



WARNING! Position or shade the bar so that the front lens will not be exposed to sunlight or any other strong light source from any angle - even for a few seconds. See **Figure 1**. The LMB lens can focused the sun's rays, creating a potential fire hazard and causing damage.

IMPORTANT! Do not point strong light output from other fixtures at the LMB, as intense illumination can damaged the display.

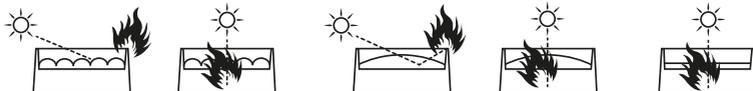


Figure 1.

INTRODUCTION

THANK YOU FOR PURCHASING **EVO STROBE ALQ2** FOR SAFETY REASONS AND TO ENSURE THE TROUBLE-FREE OPERATION, CAREFULLY READ THE INSTRUCTIONS.

SAFETY INFORMATION

- Please keep this User Manual for future consultation. If you sell the fixture to another user, be sure that they also receive this instruction booklet.
- In the event of serious operating problem, stop using the fixture immediately. Never try to repair the fixture by yourself.
- Unpack and check carefully there is no transportation damage before using the fixture.
- Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the fixture.
- Do not connect the device to any dimmer pack.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- Do not touch any wire during operation and there might be a hazard of electric shock.
- Disconnect main power before servicing and maintenance.
- To prevent or reduce the risk of electrical shock or fire, do not expose the fixture to rain or moisture.
- Use safety chain when fixes this fixture. Don't handle the fixture by taking its head only, but always by taking its base.
- The housing must be replaced if they are visibly damaged.
- Maximum ambient temperature is: 40°C Don't operate it where the temperature is higher than this.
- Do not look directly at the light spot while the fixture is on.

PRODUCT INFORMATION

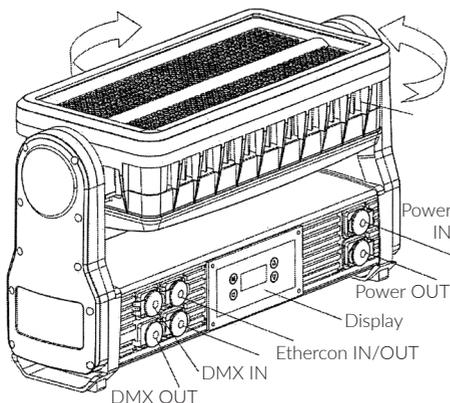
- Light Source:
12 RGB sections (5050 o.5W RGB 3in1 560 pcs.), 12 Strobo sections 3535 5W 6500K, 144 pcs. Cool-White).
- Power consumption: 1000W
- Power supply voltage: 100-240V, 50/60Hz AC
- TILT range: 185°
- LED macro effect
- Operating modes: DMX512, Manual, Auto, Sound-controlled, Master/Slave, RDM
- Sound active, Art-Net
- DMX channel mode 14/23/68/5 net
- IP Rating: IP65
- Housing made: ABS
- Cooling: Active
- AC IN/OUT: PowerCon TRUE1
- 3-Pin XLR DMX Input/Output
- Ethercon Input/Output
- Net Weight: 11.2 kg
- Dimensions:
H(32.6)xW(13.7)xD(50.2) cm

INSTALATION

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. Always ensure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable

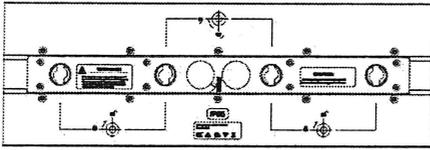
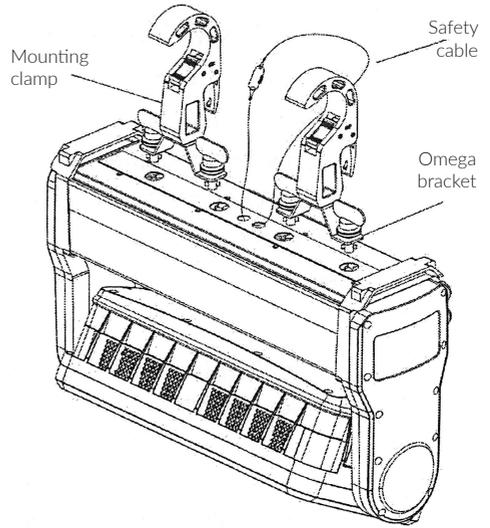
that can hold 12 times of the weight of the unit when installing the fixture. The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people and has no one pass by or under it. The fixture may be installed in any orientation, but if installed horizontally with a downward beam-angle, water can potentially pool in the fan wells. Under normal operation the moisture will evaporate. However, in locations with high rainfall, you may wish to fabricate a rain shield above the fixture, or modify the position and orientation of the fixture to minimize pooling.

Two quarter-turn brackets are supplied with the fixtre if it is to be



flown above the ground. Rig the fixture to a support truss or structure using the supplied brackets and suitable clamps.

Fasten a safety cable between the support structure and the attachment point on the fixture. The safety cable must be able to bear at least 10 times the weight of the fixture.

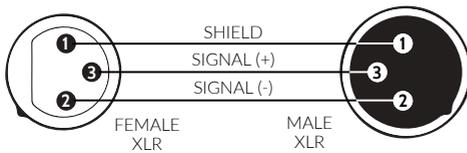


CONNECTION

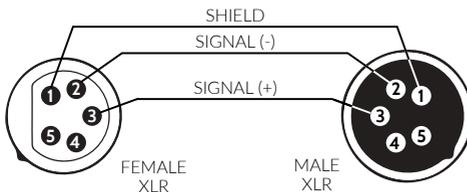
The device is equipped with the following interfaces:

1. DMX (in/out): XLR 3(5)-pin socket
2. Power (in/out): powerCON TRUE1 socket

The connection is performed using cable with XLR-female -> XLR-Male plugs.



3-PIN XLR



5-PIN XLR

CAUTION! At the last fixture, the DMX signal has to be terminated with a terminator. Solder a 120Ω resistor between signal (-) and signal (+) into a XLR plug and plug it in the DMX output of the last fixture.

Diagram of connection of devices by DMX cable.



IMPORTANT! The maximum number of devices connected in series via power cable is 3 pcs.

The connection is performed using power cable with powerCON TRUE1 connector (included). The device must be operated by qualified personnel.

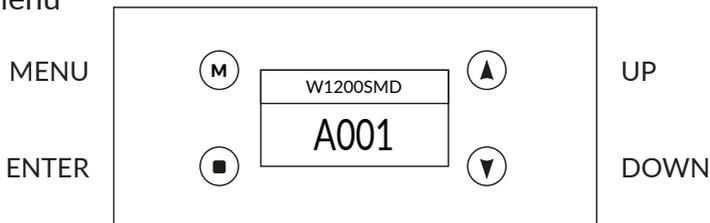
CAUTION! In the case of cable damage do not attempt to repair. Replacement or repair can be made only on the manufacturer or by a person with appropriate permissions

Using lamp, the change rate of power voltage should be within $\pm 10\%$, if the voltage is too high, it will shorten the light's life; if it's not enough, the lamp will be dark. Please restart it after turning off light for 20 minutes until full-cooling. Frequent switching will reduce the life span of lamps and bulbs; intermittent using will improve the life of bulbs and lamps.

Voltage Specification.

Input Voltage	Amperage	Frequency	Total Power
100-240[V] AC	3.36[A]	50/60[Hz]	1000[W]

Control Menu



Menu access password: **UP - DOWN - UP - DOWN - ENTER**

Press button **UP** or **DOWN** if you want to browse through the various Setup Options.

Press button **ENTER** to save your settings or enter the next menu.

Press **UP** or **DOWN** to shift.

Press button **Menu** will return to the upper menu one by one.

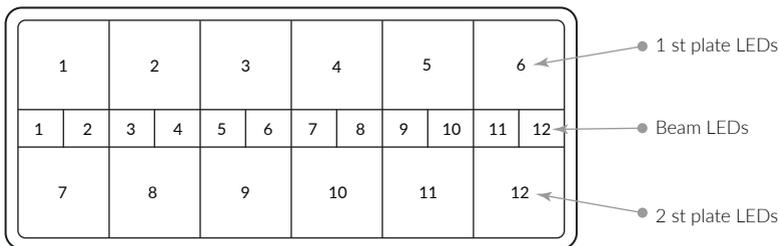
Set DMX Address

■ Press **MENU** to unlock screen, then select the **DMX Address** and press **ENTER**

■ Showing **Set DMX Address 001**, Press the **UP** or **DOWN** key to increase or decrease the DMX address value.

■ Press **ENTER** to save and Exit, Press **Cancel** does not save and Exit.

DMX CHART



CHANNEL MODE			FUNCTION	DMX VALUE	DETAILS
14	23	68			
1			TILT	0-255	-92° - 92°
2			TILT Fine	0-255	Coarse tilt + 0- 1.2°
3			WHITE BEAM Dimmer	0-255	Intensity 0- 100%
4			WHIE BEAM Strobe duration	0-255	Flash duration 7-650 ms
5			WHITE BEAM Strobe rate	0-255	Flash rate 0.289- 16.67 Hz

CHANNEL MODE			FUNCTION	DMX VALUE	DETAILS
14	23	68			
6			WHITE BEAM Strobe selection	0-5 6-42 43-85 86-128 129-171 172-214 215-255	No strobe Strobe type 1 Strobe type 2 Strobe type 3 Strobe type 4 Strobe type 5 Strobe type 6
7			CONTROL	0-250 251-255	Reset No function
8			PLATE RGB Dimmer	0-255	Intensity 0-100%
9			PLATE RGB Strobe duration	0-255	Flash duration 7-650 ms
10			PLATE RGB Strobe rate	0-255	Flash rate 0.289- 16.67 Hz
11			PLATE RGB Strobe selection	0-5 6-42 43-85 86-128 129-171 172-214 215-255	No strobe Strobe type 1 Strobe type 2 Strobe type 3 Strobe type 4 Strobe type 5 Strobe type 6
12			PLATE Red	0-255	PLATE red intensity 0-100%
13			PLATE Green	0-255	PLATE green intensity 0-100%
14			PLATE Blue	0-255	PLATE blue intensity 0-100%
*	15		FX CROSS	0-255	Crossfade duration snap-slow
*	16		PLATE RGB Shape speed	0-255	Slow-fast

CHANNEL MODE			FUNCTION	DMX VALUE	DETAILS
14	23	68			
*	17		PLATE RGB Shape selection	0 1-5 6-10 11-20 21-30 31-40 41-50 51-60 61-70 71-80 81-90 91-100 101-110 111-120 121-130 131-140 141-150 151-160 161-170 171-180 181-190 191-200 201-210 211-220 221-230 231-240 241-250 251-255	No shape Background color RGB fade RGB chase Shape 1 Shape 2 Shape 3 Shape 4 Macro 1 Macro 2 Macro 3 Macro 4 Macro 5 Macro 6 Macro 7 Macro 8 Macro 9 Macro 10 Macro 11 Macro 12 Macro 13 Macro 14 Macro 15 Macro 16 Macro 17 Macro 18 Macro 19 Macro 20
*	18		WHITE BEAM Shape speed	0-255	Slow-fast
*	19		WHITE BEAM Shape Selection	0-255	
*	20		PLATE RGB Background Dimmer	0-255	Background intensity 0-100%
*	21	*	PLATE RGB Background Red	0-255	Background red intensity 0-100%
*	22	*	PLATE RGB Background Green	0-255	Background green intensity 0-100%
*	23	*	PLATE RGB Background Blue	0-255	Background blue intensity 0-100%

CHANNEL MODE			FUNCTION	DMX VALUE	DETAILS
14	23	68			
*	*	21	PLATE PIXEL 1 Red	0-255	Control signle RGB PLATE PIXEL
*	*	22	PLATE PIXEL 1 Green	0-255	
*	*	23	PLATE PIXEL 1 Blue	0-255	
*	*	24	PLATE PIXEL 2 Red	0-255	
*	*	25	PLATE PIXEL 2 Green	0-255	
*	*	26	PLATE PIXEL 2 Blue	0-255	
*	*		
*	*	54	PLATE PIXEL 12 Red	0-255	
*	*	55	PLATE PIXEL 12 Green	0-255	
*	*	56	PLATE PIXEL 12 Blue	0-255	
*	*	57	WHITE BEAM 1	0-255	Control single WHITE BEAM section
*	*	58	WHITE BEAM 2	0-255	
*	*		
*	*	68	WHITE BEAM 12	0-255	

MENU OVERVIEW

Menu access password: **UP - DOWN - UP - DOWN - ENTER**

1st LEVEL	2nd LEVEL	1rd LEVEL	1th LEVEL
DMX Address	XXX (1-499)	enter	
Net IP	IP Address	IP (0-255)	Enter
		IP (0-255)	Enter
		IP (0-255)	Enter
		IP (0-255)	Enter
	Sub tmask	255.0.0.0	Enter
		255.255.0.0	Enter
255.255.255.0		Enter	
Set Universe	Strobe Universe	0-32766	Enter
	Aura Universe	0-32766	Enter
DMX channel mode	23 CH (DMX)	enter	
	14 CH (DMX)	enter	
	68 CH (DMX)	enter	
OFFline statu	Hold	enter	
	Manual	enter	
	Auto	enter	
	OFF	enter	
	On	enter	

1st LEVEL	2nd LEVEL	3rd LEVEL	4th LEVEL
Manual Color	Dimmer	0-255	
	Strobe	0-255	
	Macro 1	0-255	
	Macro S1	0-255	
	Macro 2	0-255	
	Macro S2	0-255	
	Macro Color	0-255	
	Char1	0-255	
	Char2	0-255	
	Char3	0-255	
	Char 4		
	Char 5		
	Char Color		
	BackColor Red		
	BackColor Green		
	BackColor Blue		
	White 1		
	White 2		
	White 3		
	White 4		
	White 5		
White 6			
White 7			
White 8			

1st LEVEL	2nd LEVEL	3rd LEVEL	4th LEVEL
Auto Program	Show RGB		
	Speed RGB		
	Show W		
	Speed W		
	Char Color		
	Char 1		
	Char 2		
	Char 3		
	Char 4		
	Char 5		
Display	Ch / En	Chinese	
		English	
	Display Direct	Normal	
		reverse	
Backlight	ON		
	30s		
Parameter	No		
	Yes		
Default	No		
	Yes		
Info	RDM UID		
	Channel		
	Ver		
	Time		
	Temperature		

Dimensions in [mm]

