



**PRO
LUX**



STROBE BAR FG

Please keep reading this manual carefully for further use!

USER MANUAL

1. UNPACKING

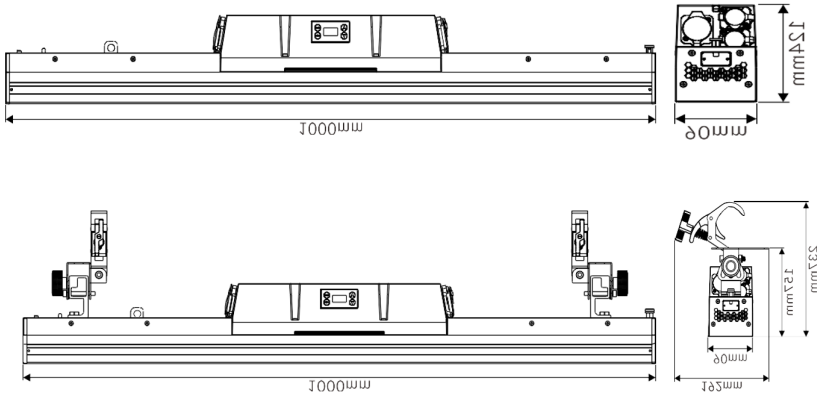
Thank you for choosing our fixture. For your own safety, please read this manual before installing the device. This manual covers the important information on installation and applications. Please install and operate the fixture with following instructions. Meanwhile, please keep this manual well for future needs.

This fixture is made of a new type of high temperature strength of engineering plastics and cast aluminum casing with nice outlook. The fixture is designed and manufactured strictly following CE standards, complying with international standard DMX512 protocol. It's available independently controlled and linkable with each other for operation. And it is applicable for large-scale live performances, theater, studio, nightclubs and discos.

LED strobe light which features high brightness and stability. Please carefully unpack it when you receive the fixture and check whether it is damaged during the transportation. And please check whether the following items are included inside the box:

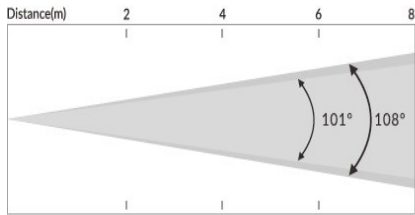
- LED Strobe 1
- Signal Cable 1
- Hanging Bracket 2
- Power Cable 1
- Safety Cable..... 1
- User Manual..... 1

2. PRODUCT DIMENSION (MM)



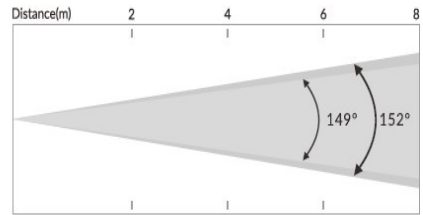
3. PHOTOMETRIC DATA:

Beam Angle:



	2	4	6	8
101° RGB Lux	1,163	291	129	73
Diameter(m)	12.7	25.3	38	51
108° CW Lux	2,919	730	324	182
Diameter(m)	5.7	11	16	21.7

Field Angle:



	2	4	6	8
149° RGB Lux	1,163	291	129	73
Diameter(m)	14.2	28.4	42.6	56.8
152° CW Lux	2,919	730	324	182
Diameter(m)	16.4	32.8	49	61

4. SAFETY INSTRUCTIONS



CAUTION!

Be careful with your operations. With a dangerous voltage you can suffer a dangerous electric shock when touching wires!

This device has left the factory in perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this

user manual.



Important:

Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

- If the device has been exposed to temperature changes due to environmental changes, do not switch it on immediately. The arising condensation could damage the device. Leave the device switched off until it has reached room temperature.
- This device falls under protection-class I. Therefore it is essential that the device be earthed.
- The electric connection must carry out by qualified person.
- The device shall only be used with rate voltage and frequency.
- Make sure that the available voltage is not higher than stated at the end of this manual.
- Make sure the power cord is never crimped or damaged by sharp edges. If this would be the case, replacement of the cable must be done by an authorized dealer.
- Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power cord by the plug. Never pull out the plug by tugging the power cord.
- During initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective, it should decrease gradually.
- Please don't project the beam onto combustible substances.
- Fixtures cannot be installed on combustible substances, keep more than 50cm distance with wall for smooth air flow, so there should be no shelter for fans and ventilation for heat radiation.

- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.

5. OPERATION INSTRUCTIONS

- The led strobe bar is for strobe effect for on-site decoration purpose.
- Don't turn on the fixture if it's been through severe temperature difference like after transportation because it might damage the light due to the environment changes. So make sure to operate the fixture until it is in normal temperature.
- This light should be keep away from strong shaking during any transportation or movement.
- Don't pull up the light by only the head, or it might cause damages to the mechanical parts.
- Don't expose the fixture in overheat, moisture or environment with too much dust when installing it. And don't lay any power cables on the floor. Or it might cause electronic shock to the people.
- Make sure the installation place is in good safety condition before installing the fixture.
- Make sure to put the safety chain and check whether the screws are screwed properly when installing the fixture.
- Make sure the lens are in good condition. It's recommended to replace the units if there are any damages or severe scratch.
- Make sure the fixture is operated by qualified

personnel who knows the fixture before using.

- Keep the original packages if any second shipment is needed.
- Don't try to change the fixtures without any instruction by the manufacturer or the appointed repairing agencies.
- It is not in warranty range if there are any malfunctions from not following the user manual to operate or any illegal operation, like shock short circuit, electronic shock, lamp broke, etc.

6. MOUNTING AND INSTALLATION

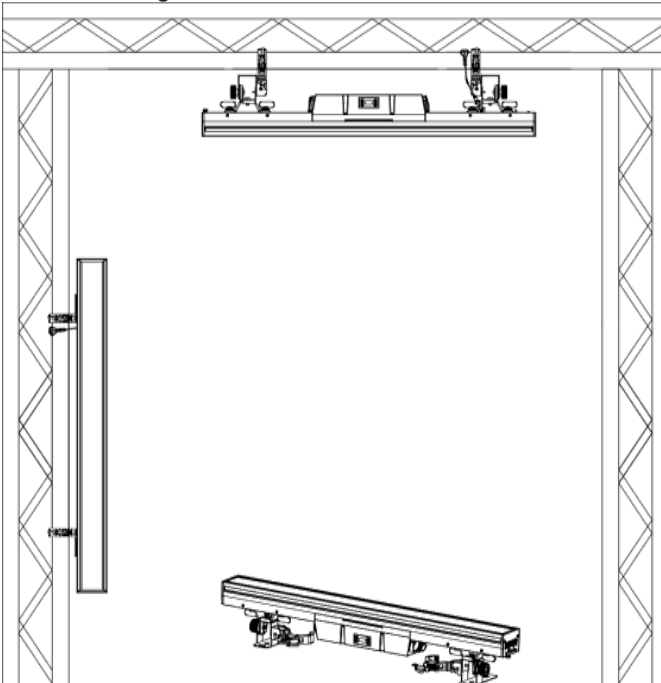
CAUTIONS:

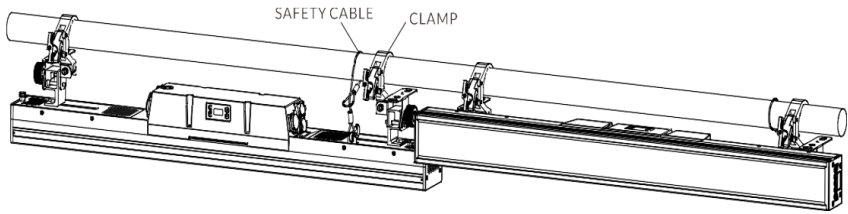
- For added protection mount the fixtures in areas outside walking paths, seating areas, or in areas where the fixture might be reached by unauthorized personnel.
Before mounting the fixture to any surface, make sure that the installation area can hold a minimum point load of 10 times the device's weight.
- Fixture installation must always be secured with a secondary safety attachment, such as an appropriate safety cable.
- Never stand directly below the device when mounting, removing, or servicing the fixture from a
- periodic safety inspection of all installation material and the fixture. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury.

- Be sure to complete all rigging and installation procedures before connecting the main power cord to the appropriate wall outlet.

CLAMP MOUNTING:

The product provides a unique mounting bracket assembly that integrates the bottom of the base, the included “Omega Bracket,” and the safety cable rigging point in one unit (see the illustration below). When mounting this fixture to truss be sure to secure an appropriately rated clamp to the included omega bracket using a M10 screw fitted through the center hole of the “omega bracket”. As an added safety measure be sure to attached at least one properly rated safety cable to the fixture using on of the safety cable rigging point integrated in the base assembly

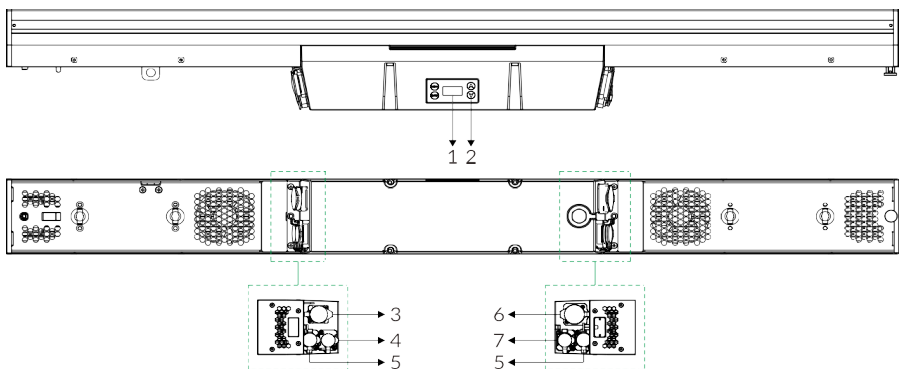




7. DMX-512 CONTROL CONNECTIONS

Connect the provided XLR cable to the female 3-pin XLR output of your controller and the other side to the male 3-pin XLR input of the moving head. You can chain multiple Moving heads be connected together through serial linking. The cable needed should be two core, screened cable with XLR input and output connectors. Please refer to the diagram below.

DMX-512 CONNECTION WITH DMX TERMINATOR



8. DMX CHANNELS

7 CHANNELS MODE

CH	FUNCTION	DMX VALUE	Description
1	RED	000-255	0%-->100%
2	GREEN	000-255	0%-->100%
3	BLUE	000-255	0%-->100%
4	WHITE	000-255	0%-->100%
5	DIMMER	000-005	Null
		006-255	0%-->100%
6	DIMMER FINE	000-255	0%-->100%
7	FROST	000-255	0%-->100%

15 CHANNELS MODE

CH	FUNCTION	DMX VALUE	Description
1	RED	000-255	0%-->100%
2	GREEN	000-255	0%-->100%
3	BLUE	000-255	0%-->100%
4	WHITE	000-255	0%-->100%
5	Color Macro	000-008	Null
		010-017	Color 1
		018-024	Color 2

	
		241-247	Color 32
		248-255	Color 33
6	Dimmer	000-005	Null
		006-255	0%-->100%
7	Dimmer Fine	000-255	Dimmer Fine
8	STROBE DURATION	000-255	STROBE DURATION
9	STROBE RATE	000-006	Blackout
		007-255	Strobe from Slow to Fast
10	STROBE	000-005	Null
		006-050	Ramp up
		051-100	Ramp down
		101-150	Ramp-up-down
		151-200	Lightning
		201-255	Random
11	Macro(RGB)	000-023	Null
		024-031	Macro 1
	

		248-255	Macro 29
12	Macro(W)	000-090	Null
		091-105	Macro1
		106-120	Macro2
	
		241-255	Macro11
13	Macro speed	000-127 128-255	Normal, Slow to Fast Inversion, Slow to Fast
14	FADE	000-255	0%-->100%
15	FROST	000-255	0%-->100%

17 CHANNELS MODE

CH	FUNCTION	DMX VALUE	Description
1	RED1	000-255	0%-->100%
2	GREEN1	00-255	0%-->100%
3	BLUE1	000-255	0%-->100%

10	RED4	000-255	0%-->100%
11	GREEN4	000-255	0%-->100%
12	BLUE4	000-255	0%-->100%
13	White1	000-255	0%-->100%
...
16	White4	000-255	0%-->100%

17	Frost	000-255	0%-100%
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21 channels mode

CH	FUNCTION	DMX VALUE	Description
1	RED	000-255	0%-100%
2	GREEN	000-255	0%-100%
3	BLUE	000-255	0%-100%
4	COLOR MACRO	000-009	NULL
		010-017	Color1
	
		248-255	Color33
5	DIMMER	000-255	Null
		006-255	0%-100%
6	Dimmer fine	000-255	Dimmer fine(RGB)
7	STROBE DURATION (RGB)	000-255	STROBE DURATION (RGB)
8	STROBE RATE(RGB)	000-006	Blackout
		007-255	Strobe from Slow to Fast
9	STROBE(RGB)	000-005 006-050 051-100 101-150 151-200 201-255	Null Ramp up Ramp down Ramp up-down Lightning Random

10	MACRO	000-023	Null
		024-031	MACRO 1
	
		248-255	MACRO 29
11	MACRO SPEED	000-127 128-255	Normal, Slow to Fast Inversion, Slow to Fast
12	FADE(RGB)	000-255	0%-100%
13	DIMMER(W)	000-005	NULL
		006-255	0%-100%
14	DIMMER FINE (W)	000-255	DIMMER FINE (W)
15	STROBE DURATION (W)	000-255	STROBE DURATION (W)
16	Strobe rate(W)	000-006	Blackout
		007-255	Strobe from Slow to Fast
17	Strobe(W)	000-005 006-050 051-100 101-150 151-200 201-255	Null Ramp up Ramp down Ramp up-down Lightning Random
18	Marco(W)	000-090	Null
		091-105	Marco 1
	

		241-255	Marco 11
19	Macro speed(W)	001-127 128-255	Normal, Slow to Fast Inversion, Slow to Fast
20	FADE	000-255	0%-100%
21	FROST	000-255	0%-100%

33CHANNELS MODE

CH	FUNCTION	DMX VALUE	Description
1	RED1	000-255	0%-100%
2	GREEN1	00-255	0%-100%
3	BLUE1	000-255	0%-100%

22	RED8	000-255	0%-100%
23	GREEN8	000-255	0%-100%
24	BLUE8	000-255	0%-100%
25	White1	000-255	0%-100%
...
31	White7	000-255	0%-100%

32	White8	000-255	0%-100%
33	FROST	000-255	0%-100%

39 CHANNELS MODE

CH	FUNCTION	DMX VALUE	Description
1	RED1	000-255	0%-100%
2	GREEN1	00-255	0%-100%
3	BLUE1	000-255	0%-100%

22	RED8	000-255	0%-100%
23	GREEN8	000-255	0%-100%
24	BLUE8	000-255	0%-100%
25	DIMMER	000-005	NULL
		006-255	0-100%
26	DIMMER FINE	000-255	DIMMER FINE(RGB)
27	STROBE DURATION	000-255	STROBE DURATION (RGB)
28	STROBE RATE(RGB)	000-006	BACKLIGHT
		007-255	Strobe from Slow to fast Fast

29	Strobe(RGB)	000-005	Null
		006-050	Ramp up
		051-100	Ramp down
		101-150	Ramp up-down
		151-200	Lightning
		201-255	Random
30	WHITE1	000-255	0%-100%
...
33	WHITE4	000-255	WHITE4
34	DIMMER	000-005	Null
		006-255	0%-100%
35	DIMMER FINE	000-255	DIMMER FINE(W)
36	Strobe duration	000-255	STROBE DURATION (W)
37	Strobe rate(W)	000-006 007-255	BLACKOUT
		007-255	Strobe from Slow to Fast

38	Strobe(W)	000-005 006-050 051-100 101-150 151-200 201-255	Null Ramp up Ramp down Ramp up-down Lightning Random
39	FROST	000-255	0%-100%

65 CHANNELS MODE

CH	FUNCTION	DMX VALUE	Description
1	RED1	000-255	0%-100%
2	GREEN1	00-255	0%-100%
3	BLUE1	000-255	0%-100%

46	RED16	000-255	0%-100%
47	GREEN16	000-255	0%-100%
48	BLUE16	000-255	0%-100%
49	White1	000-255	0%-100%
...
63	White15	000-255	0%-100%
64	White16	000-255	0%-100%
65	Frost	000-255	0%-100%

68 CHANNELS MODE

CH	FUNCTION	DMX VALUE	Description
1	Dimmer	000-005	Null
		006-255	0%-->100%
2	Strobe(RGB)	000-007	Null
		008-127	Strobe from Slow to Fast
		128-130	Null
		131-250	Random
		251-255	Null
3	Strobe(W)	000-007	Null
		008-127	Strobe from Slow to Fast
		128-130	Null
		131-250	Random
		251-255	Null
4	FROST	000-255	0%-100%
5	RED1	000-255	0%-100%
6	GREEN1	000-255	0%-100%
7	BLUE1	000-255	0%-100%
...
50	RED16	000-255	0%-100%
51	GREEN16	000-255	0%-100%
52	BLUE16	000-255	0%-100%
53	WHITE1	000-255	0%-100%

54	WHITE2	000-255	0%-100%
...
67	WHITE15	000-255	0%-100%
68	WHITE16	000-255	0%-100%

70 CHANNELS MODE

CH	FUNCTION	DMX VALUE	Description
1	Dimmer	000-005	Null
		006-255	0%-100%
2	Strobe(RGB)	000-007	Null
		008-127	Strobe from Slow to Fast
		128-130	Null
		131-250	Random
		251-255	Null
3	Strobe(W)	000-007	Null
		008-127	Strobe from Slow to Fast
		128-130	Null
		131-250	Random
		251-255	Null
4	FROST	000-255	0%-100%
5	RED1	000-255	0%-100%
6	GREEN1	000-255	0%-100%
7	BLUE1	000-255	0%-100%

...
50	RED16	000-255	0%-100%
51	GREEN16	000-255	0%-100%
52	BLUE16	000-255	0%-100%
53	WHITE1	000-255	0%-100%
54	WHITE2	000-255	0%-100%
...
67	WHITE15	000-255	0%-100%
68	WHITE16	000-255	0%-100%
69	FADE(RGB)	000-255	0%-100%
70	FADE(W)	000-255	0%-100%

112 CHANNELS MODE

CH	FUNCTION	DMX VALUE	Description
1	RED1	000-255	0%-100%
2	GREEN1	000-255	0%-100%
3	BLUE1	000-255	0%-100%
	...	000-255	...
94	RED32	000-255	0%-100%
95	GREEN32	000-255	0%-100%
96	BLUE32	000-255	0%-100%
97	WHITE1	000-255	0%-100%
...
112	WHITE116	000-255	0%-100%

117 CHANNELS MODE

CH	FUNCTION	DMX VALUE	Description
1	DIMMER	000-005	Null 0%-100%
		006-255	
		006-255	0%-100%
2	STROBE DURATION	000-255	STROBE DURATION
3	STROBE RATE	000-006	Blackout
		007-255	Strobe from Slow to Fast
4	Strobe	000-005	Null
		006-050	Ramp up
		051-100	Ramp down
		101-150	Ramp up-down
		151-200	Lightning
		201-250	Random
5	Frost	000-255	0%-100%
6	Red1	000-255	0%-100%
7	Green1	000-255	0%-100%
8	Blue1	000-255	0%-100%
...	...	000-255	...
99	Red	000-255	0%-100%
100	Green 32	000-255	0%-100%
101	Blue32	000-255	0%-100%
102	White1	000-255	0%-100%
...	...	000-255	...
117	White16	000-255	0%-100%

9. DISPLAY INSTRUCTION

Menu	SUBMENU	OPTIONS
DMX Address	001 - 512	
Setting	Run mode	Auto1/Auto2/Sound/DMX
	Channel mode	7CH/15CH/17C/21CH/33CH/39CH/65CH/68CH/70CH/112CH/117CH
	Invert Pixel	ON/OFF
	Signal Keep	ON/OFF
	Screen Saver	ON/OFF
	Invert Screen	ON/OFF/Auto
	Update Slave	ON/OFF
	Language	CH/EN
	Dimmer Speed	Fast/Smooth
	Screen Lock	ON/OFF
	Load Default	
Manual	Manual control each channels	0-255
Calibration	Password	
System information	DMX Date	
	Hardware	
	Software	

10. KEY FEATURES

- Voltage: AC100 ~ 240V 50/60HZ
- Power: 420W
- Light Source: 672pcsx0.5 RGB LED 112pcs x3WCW
- Control mode: DMX512, self-walking, master-

slave, voice control, with RDM function.

- Channel: 7CH/15CH/17CH/21CH/33CH/39CH/65CH/68CH/70CH/112CH/117CH
- Beam Angle: 101 °(RGB) 108 °(CW) 149°
- Field Angle: 152° (CW)
- Dimmer: 0-100% smooth dimming; High output strobe effect
- Operating temperature: -30 ~ 50 degrees
- Strobe frequency: 1 ~ 30 Hz
- Appearance: metal, black,
- Power In/Out: Waterproof Power Connector in/out
- Connection: DMX512 I/o/p.
- IP grade: IP66
- Size: 100x9x12,5cm
- N.W: 8.1KG
- Size of Flight case(6in1): 107x50x45cm
- G.W: 72.6KG(Including the flight case)

FEATURES :

- 32 RGB LED zones with individual control
- 16 CW LED zones with individual control
- Outstanding color mixing effect

11. MAINTENANCE AND CLEANING

The following points have to be considered during the inspection:

1. All screws for installing the devices or parts of the device have to be tightly connected and must not be corroded.
2. There must not be any deformations on the housing, color lenses, fixations and installation

spots (ceiling, suspension, trussing).

3. Mechanically moved parts must not show any traces of wearing and must not rotate with unbalances.
4. The electric power supply cables must not show any damage, material fatigue or sediments.

Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.



CAUTION!

Disconnect from mains before starting maintenance operation.

In order to make the lights in good condition and extend the life time, we suggest a regular cleaning to the lights.

1. Clean the inside and outside lens each week to avoid the weakness of the lights due to accumulation of dust.
2. Clean the fan each week.
3. A detailed electric check by approved electrical engineer each three month, make sure that the circuit contacts are in good condition, prevent the poor contact of circuit from overheating.

We recommend a frequent cleaning of the device. Please use a moist, lint- free cloth. Never use alcohol or solvents. There are no serviceable parts inside the device. Please refer to the instructions under “Installation instructions”. Should you need any spare parts, please order genuine parts from your local dealer