

MOVBAR1040TILT

10X40W Moving Tilt Bar



USER MANUAL



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1、Unpacking

Thank you for choosing led bar 10x40W. 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.

It 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 connected with each other for operation.

4-IN-1 LED(RGBW) which features high brightness and stability. Please carefully unpack it when you receive the fixture and check whether it is damaged during the transportation.

Specifications

Power Supply: AC 90-260V, 50/60Hz

LED: 10× 40W RGBW 4IN1 LED

Dimmer: 0-100% linear dimmer

Control Mode: DMX512, Master-Slave, Sound, Auto

DMX Channels:14/54CH

Protect Rate: IP20

2、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.
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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.

3、Safety Instructions

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.

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

4、 Operation Instructions

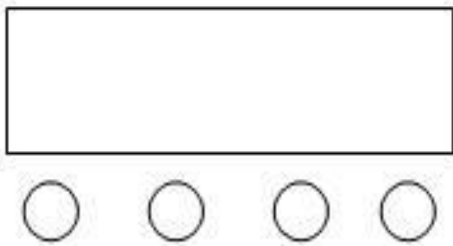
-Don't turn on the fixture if it's been through severe temperature difference like after transportation because it might damage the light due to the environment changes. So make sure to operate the fixture until it is in normal temperature.

-This light should be keep away from strong shaking during any transportation or movement.

-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.

Display board part:



- A. Function key**
- B. Additional key**
- C. The key reduction**
- D. Confirmation key**

A B C D

5、 DMX 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.



6、 DMX Channels

14CH Channel:

14CH	Function	DMX Value	Description
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1	Tilt	0-255	
2	Tilt Fine	0-255	
3	Tilt Speed	0-255	Speed slow to fast
4	Dimmer	0-255	0- 100%
5	Strobe	0- 3	No Effect
		4-255	Strobe
6	Red	0-255	0- 100%
7	Green	0-255	0- 100%
8	Blue	0-255	0- 100%
9	White	0-255	0- 100%
10	Marco Color	0- 4	No Function
		5-9	Effect 1
		10-14	Effect 2
	
		250-255	Effect 50
11	Macro	0- 4	No Function
		5-9	Effect 1
		10-14	Effect 2
	
		250-255	Effect 50
12	Marco Speed	0-63	Static
		64-159	Fast to Slow
		160-255	Slow to Fast
13	Background Color	0- 4	No Function
		5-9	Color 1
	
		251-255	Color 51
14	Reset	0-250	No Function
		251-255	Reset, valid for 3s

54CH Channel:

54CH	Function	DMX Value	Description
1	Tilt	0-255	
2	Tilt Fine	0-255	
3	Tilt Speed	0-255	Speed slow to fast
4	Dimmer	0-255	0- 100%

5	Strobe	0-3	No Effect
		4-255	Strobe
6	Red	0-255	0-100%
7	Green	0-255	0-100%
8	Blue	0-255	0-100%
9	White	0-255	0-100%
10	Marco Color	0-4	No Function
		5-9	Effect 1
		10-14	Effect 2
	
		250-255	Effect 50
11	Macro	0-4	No Function
		5-9	Effect 1
		10-14	Effect 2
	
		250-255	Effect 50
12	Marco Speed	0-63	Static
		64-159	Fast to Slow
		160-255	Slow to Fast
13	Background Color	0-4	No Function
		5-9	Color 1
	
		251-255	Color 51
14	Reset	0-250	No Function
		251-255	Reset, valid for 3s
15	Red1	0-255	0-100%
16	Green1	0-255	0-100%
17	Blue1	0-255	0-100%
18	White1	0-255	0-100%
...
51	Red10	0-255	0-100%
52	Green10	0-255	0-100%
53	Blue10	0-255	0-100%
54	White10	0-255	0-100%