

Thunder M50 IP

User Manual



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TECHNICAL PARAMETERS

Light source

Input voltage: AC90-240V 50HZ/60HZ

Total lamp power: 1000W

Light source specification: 50 RGBW 20W ultra bright light source

Rated life: 50,000 hours

Color: Red, green, blue and white can be changed infinitely

Light bead control: RGBW whole control

Controls

Control mode: 12CH/32CH two channel control modes, standard DMX512 protocol, RDM protocol

Power connection mode: power input and output, maximum number of connections @2230V, 1120V

Signal connection mode: DMX512 input and output, support network protocol Artnet

Display function: LCD touch screen, Chinese and English bilingual menu, sensor fault display, temperature display

Effect

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Construction

Vertical direction: 220° (16-bit precision scan)

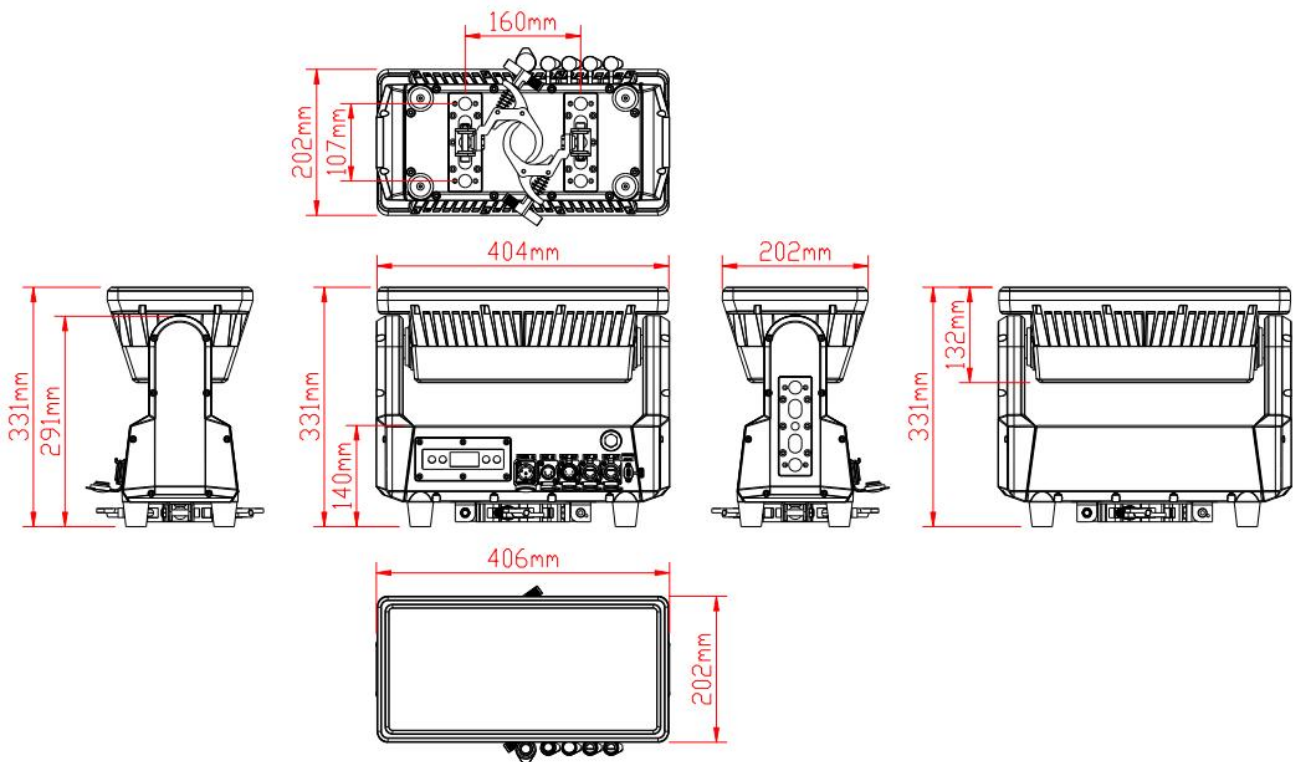
The Y-axis is driven by a high-speed silent 60 three-phase thickened motor, which makes the operation faster and smoother. When misoperation occurs, it can be automatically returned to its original position, and the vertical speed can be adjusted; the Y-axis has the function of turning and reversing; the high-precision positioning is adopted by photoelectric magnetic code

Heat dissipation system: high-conductivity light aluminum heat sink is used. The fan intelligent monitoring technology automatically adjusts the fan speed according to the lamp temperature. The built-in overheating protection intelligent system/ intelligent temperature and noise balance module is used

Protection rating: IP65

Lighting packaging: waterproof and shockproof aviation box or carton

SIZE DRAWING



■ direction for use:

1. After unpacking the box, carefully check whether the lighting equipment is damaged due to transportation, such as whether the screws are loose, whether the lens is broken, etc.
2. Before power supply, please check whether the lamp is placed correctly and stably, and check whether the voltage of the power supply is the same as that of the product.
3. This equipment belongs to level 1 protection equipment, so the power ground must be grounded and completed by professionals. Check the power voltage before use.

■ container loading list:

When you open the lamp packing box, please check carefully whether there are the following items:

1. A set of lighting equipment
2. One power cable
3. One copy of the instructions

■ maintenance:

- 1, try to prevent dust, dirt and smoke oil from being laid or even flowing into the lamp body, and try to keep the equipment clean in the use environment;
2. Please use professional glass cleaning agent regularly every month and clean the glass plate with velvet cloth to ensure maximum brightness output and prolong the service life of the light source.

■ Set Up

Options	Instructions	
Agreement	DMX512	Receive dmx signals
	AUTO DMX512	Auto dmx and network signals
	Art-Net	Network Art-Net
	SACN	Network sACN
	AUTO RUN	Self-run effect
DMX address	1-512	Press "OK" to enter the editing state. At this time, the hundreds digit is selected, and press the "up" and "down" keys to change the address code. Press the "OK" key again to select the tens edit. Press "OK" again to select the ones edit. Press again to exit the editing state
DMX channel	12CH/32CH	Channel mode
Static	Y	Y-axis adjustment
	Red	Red brightness adjustment
	Green	Green brightness adjustment
	Blue	Blue brightness adjustment
	white	White brightness adjustment
Y-axis calibration	Adjust the reset position of the Y-axis motor to compensate for the error on the hardware installation, the adjustment range is -128 to +127, +0 indicates no adjustment.	
Y-axis reversal	Yes/No	Y-axis moves in reverse
Dimming mode	Off	
	Mode 1	
	Mode 2	
	Mode 3	
Fan Mode	Auto	Fan Automatic
	Open	Fan on
Display reverse	Yes/No	Display in reverse
backlight	2 minutes	Screen 2 minutes black screen
	30 seconds	Screen 30 seconds black screen
	10s	Screen 10 seconds black screen
	Steady on	Steady on screen
Language	Chinese/English	English/Chinese switching
Key lock	On/Off	Key lock on/off
Ethernet Settings	The domain	Domain Settings
	IP	IP Settings
	Subnet	Subnet Settings
Info	Lamp bead temperature	Display lamp bead temperature
	System Error	Display system error messages
Factory Settings	Press OK twice to restore factory Settings	

12 Channel parameter values (full version)

12CH	Features	Channel value	Effects
1	Y	0-255	
2	Y Fine	0-255	
3	Dimming	0-255	
4	Shutter	0-003	Turn off strobe
		4-200	Stroboscopic speed
		201-255	Random stroboscopic
5	Red	0-255	
6	Green	0-255	
7	Blue	0-255	
8	White	0-255	
9	Temperature	000-009	None
		010-255	2400K-10000K, 1 color temperature for every 3 values
10	Macro	0-9	no
		10-49	Color Blend
		50-184	Effects, worth 1 effect for every 5
		184-255	Last effect
11	Speed	0-255	Slow to fast
12	Reset	0-250	None
		251-255	Keep the 5s motor reset

32 channel parameter values (full version)

32CH	Features	Channel values	Effects
1	Y	0-255	
2	Y Fine	0-255	
3	Dimming	0-255	
4	Shutter	0-003	Turn off strobe
		4-200	Stroboscopic speed
		201-255	Random stroboscopic
5	Red	0-255	
6	Green	0-255	
7	Blue	0-255	
8	White	0-255	
9	Temperature	000-009	None
		010-255	2400K-10000K, 1 color temperature for every 3 values
10	Self-walking	0-9	None
		10-49	Color Blend
		50-184	Effects, every 5 is worth 1 effect
		184-255	Last effect
11	Speed	0-255	Slow to fast
12	Reset	0-250	None
		251-255	Keep the 5s motor reset
13	Red	0-255	
14	Green	0-255	
15	Blue	0-255	

16	White	0-255	
	...		
29	Red	0-255	
30	Green	0-255	
31	Blue	0-255	
32	White	0-255	

REMARK

The product has perfect performance and integrity packing.

All users should be strictly comply with the warning and operating instructions as stated.

Or we aren 't in charge of any result by misusing.

Any damage resulting by misuse is not within the Company 's warranty.

Any fault or problem caused by neglecting the manual is also not in the charge of dealers.

Errors and omissions for every information given in this manual excepted.

All information is subject to change without prior notice.