

200W tunable white LED Profile

USER MANUAL



For safety, please read this user manual carefully before initially start-up

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1. Introduction

Thank you for purchasing our product. Before carrying out any operations with the product, carefully read this instruction manual and keep it with care for future reference. It contains important information about the installation, usage and maintenance of the unit. Please strictly follow it.

The product conforms to the international standard DMX512 agreement. The products can be controlled in signal use and also can be controlled in many units. Sleek and stylish, precise and accurate optical system design, bring and clear light effects. All above makes our products applicable to be used within the scope of film and television, theater, live events, trade show exhibits, educational facilities, retail environments, and corporate shows, etc.

* The product is compliance with the CE & ROHS Standard.

* The product belongs to our company. The intellectual property is exclusively reserved. We will file a lawsuit on condition that it is illegally copied and imitated.

2. Safety instructions

WARNING

- Do not open this device, there is no user-serviceable parts inside.
Risk of electric shock.
- Do not look at the light source when the device is on.
- **CAUTION:** This unit's housing may be hot during and after operation.
- Install this device in a location with adequate ventilation, at least 20 inch (50 cm) from adjacent surfaces.
- Do not leave any flammable material within 50 cm of this unit while operating or connected to power.
- Use a safety chain when mounting this device overhead.
- Do not operate this device outdoors or in any location where dust, excessive heat, water, or humidity may affect it.
- Do not operate this device if the housing, lenses, or cables appear damaged.
- Do not connect this device to a dimmer or rheostat.
- ONLY connect this device to a grounded and protected circuit.

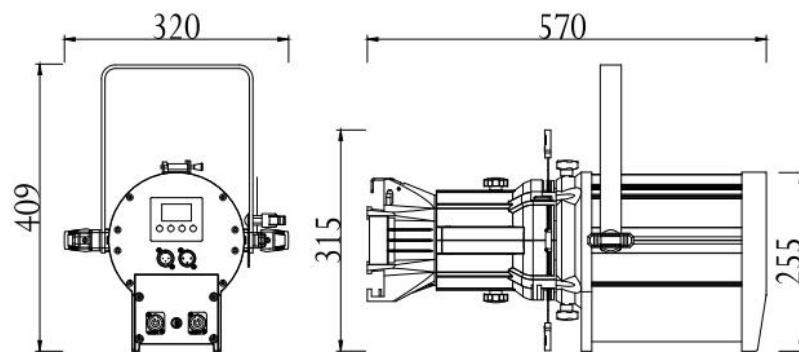
- ONLY use the hanging bracket to carry this device.
- In case of a serious operating problem, stop using immediately.
- The maximum ambient temperature is 104° F (40° C). Do not operate this device at higher temperatures.

3. Description

Product features

- Made by fire-resistant Nylon material and Aluminum which makes the lamp more lighter
- Good performance of cooling system with the quiet fan
- DMX controlled operation, possible work with any commercial DMX512 controller
- Rail-type hanging bracket, bracket position can be adjusted
- Different dimmer curves and dimmer speed adjustable
- Flicker free projection
- Color filter, Gobo, Iris optional
- Ready for connection with power cord with safety-plug

Overview



4. Installation

This device can be mounted in many orientations provided each individual device is secured by the use of correct mounting bracket.

Overhead rigging

The installation of the device has to be built and constructed in a way that it can hold 10 times the weight for 1hour without any harming deformation.

The installation must always be secured with a secondary safety attachment. This secondary safety attachment must be constructed in a way that no part of the installation can fall down if the main attachment fails.

The operator has to make sure that safety-relating and machine-technical installations are approved by an expert and before taking into operation for the first time and after changes .

Please note: for overhead rigging in public or industrial areas, a series of safety instructions have to be followed that this manual can only give in part.

DMX512 connection

Please use XLR-XLR signal cable connect the DMX output of the controller with the DMX input of the first device, and connect the DMX output of the first device with the DMX input of the second device, always connect one output with the input of the next device until all devices are connected.

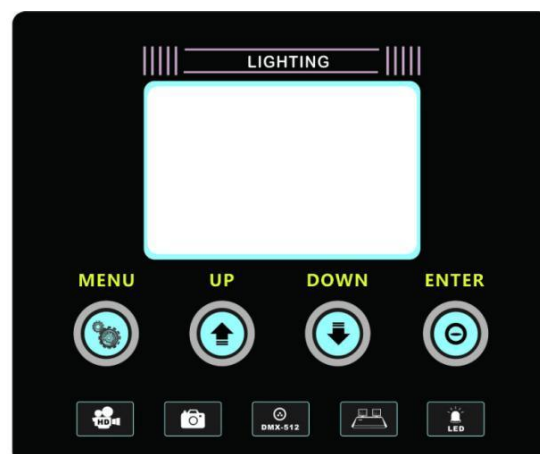
For better signal receival, a signal amplifier suggest to be used for each 20 fixtures.

Power input

This device has an auto-switching power supply work with input voltage range of 100-240V AC, 50/60Hz. Link up to the maximum 8A, Do not exceed this.

5. Operation

Control board



Press the Menu until one of the following had been displayed:

Menu			
1st Menu	2nd Menu	Value	Notes
DMX	addr:	1-512	Set DMX address
Chan	02CH		Dimmer,CCT
	03CH		Dimmer,CCT,strobe
	05CH		Dimmer, DimmerFine, CCT,preset color temperature, strobe
Manual	DIM	0 - 255	Dimmer
	CCT	0 - 255	adjust color temperature
	Pre	Off / 3200K-6000K/User1-User5	preset color temperature
	STO	0 - 255	strobe
PreCCT (Preset CCT)	3200K - 6000K User1 - User5	0 - 255	preset color temperature
Fade	On / Off		Dimming fade off
Curve	Linear		Linear curve dimming
	S		S curve dimming
	Log		Logarithmic dimming curve
FRE.	600 - 8000Hz		PWM frequency
Temp	Cur:.000		Current temperature
FAN	Max		Constant maximum speed
	Auto		Fan automatic mode
	Silence		Meet the Nr25 standard
Reset	Yes/No		Reset to factory default
Version	V200.6		

Use 'Up' and 'Down' button to select your desired operation, press 'Enter' to set all function

Notes:

- When there's a flickering '!' sign appeared, means no signal input for the fixture.
- No operation within 30seconds, LCD display will enter into Screen protection mode automatic.
- When the current temperature is higher than the protecting setting temperature, 30% of power consumption will be deducted slowly;

Power consumption will be coming to normal when the temperature gets to normal.

DMX Modes

DMX512 Channel table

DMX Channel Function				
Modes			Value	Function
2CH	3CH	5CH		
1	1	1	000 - 255	Dimmer
		2	000 - 255	Dimmer fine
2	2	3	000 - 255	Color temperature
		4		Preset color temperature
			000 - 010	No function
			011 - 035	3200K
			036 - 060	4000K
			061 - 085	5000K
			086 - 110	5600K
			111 - 135	6000K
			136 - 160	User1
			161 - 185	User2
			186 - 210	User3
			211 - 235	User4
			236 - 255	User5
	3	5	000 - 255	Strobe

6. Fuse Replacement

If the fine-wire fuse of the device fuses, only replace the fuse by a fuse of same type and rating. Before replacing the fuse, unplug mains lead.

Procedure:

Step 1: Unscrew the fuse holder on the rear panel with a fitting screwdriver from the housing (anticlockwise).

Step 2: Remove the old fuse from the fuse holder.

Step 3: Install the new fuse in the fuse holder.

Step 4: Replace the fuse holder in the housing and fix it.

7. Focus

The objective lens cylinder is usually shrunk before leaving factory, after connect the projector to the mains, user may loose the screws and move the lens cylinder, till the white light output circular is clearly presented, locking tightly the two screws again.

When the projection distance is changed, user can follow previous operating steps, and focus the projector.

8. Technical specifications

Product name:	LED Profile Spotlight
Power Consumption:	200W
Voltage:	100 - 240V AC
Frequency:	50/60Hz
Light Source:	COB LED
Lens:	6pcs Special imaging glass optical lens
Color temperature:	3200K - 5600K adjustable
CRI:	95
Beam Angle:	14°, 19°, 26°, 36°, 50°
Dimming Range:	16bit smooth dimming 0-100%
DMX Channel:	2CH/3CH/5CH
Control system:	DMX512 signal
Display Screen:	4-Button LCD Screen
IP Rating:	IP20
Ambient Temp.:	-15℃ ~ 35℃
Product size:	570x320x409mm
Weight:	9kgs