

MINI 128 RETRO BLINDER LIGHT

USER MANUAL



For safety, please read this user manual carefully before initial use.

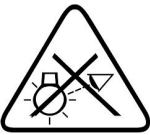
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1 Important Safety Information

Symbol	Meaning
	General risk.
	Electric shock risk
	Hot surface
	Suitable for indoor use only.
$T_a 45^{\circ}\text{C}$	Maximum operating ambient temperature.
	Minimum distance from illuminated objects.
	Do not stare at the operating light source.
 Risk Group 2	Photobiological safety risk group2
	Never expose the front lens to sunlight or any strong artificial Light source from any angle to avoid damage of head internal parts.



(WEEE)

European Community Directive 2012/19/EU on Waste Electrical and Electronic Equipment.

2 General Warning

Carefully read the instruction contained in this User Manual, as they give important information regarding your safety and others during installation, use, and maintenance of the product.

The unit is not suitable for domestic use and must be installed by qualified personnel only.

The device must always be equipped with an efficient ground connection.

3 Level of protection IP



- The projector is classified as an ordinary appliance and its protection level against the penetration of solid and liquid objects is IP20.
- The projector contains electric and electronic components which should under no circumstances come into contact with oil, water, or any other liquid. The proper functioning of the unit would be compromised should this occur.

4 *Included Items*

- 1x PowerCON female connector
- 2x Omega clamp with ¼- turn “Fast Lock” connection for moving head series
- Safety cable(Optional)
- Signal cable

5 *General Warranty Conditions*

The unit is guaranteed for 12 months from the date of purchase against manufacturing material defects.

The warranty covers defects in materials and workmanship. The warranty is not applicable where a defect is caused by misuse or unauthorized repair of the product.

Any functional or/and physical modification of the product is not allowed.

6 *Product Installation*

The unit is suitable for dry locations only.

The unit may be either floor or ceiling mounted.

6.1 *Floor mounting*

For floor mounting installations, This model is supplied with four rubber mounting feet at the base.

6.2 *Ceiling mounting*

For ceiling mounting installations, we recommend the use of appropriate clamps to fix the unit to the mounting surface.

The supporting structure from which the unit is hung should be capable of bearing the weight of the unit, as should any clamps used to hang it.

The structure should also be sufficiently rigid as not to move or shake whilst the device is moving.

Four ¼-turn “Fast Lock” connections placed in the base of the unit allow this model to hang by using Omega brackets (provided with the unit)(Moving head series).

6.3 Safety Cable

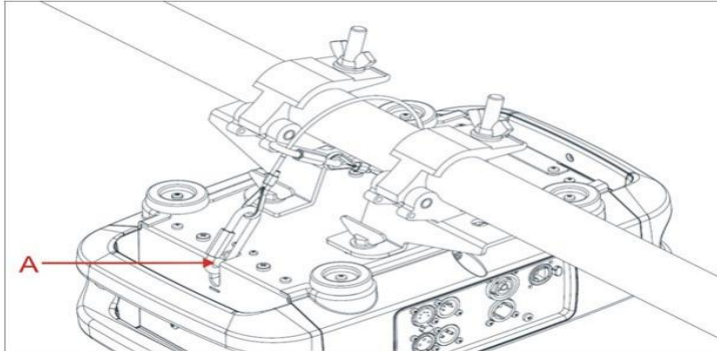


A safety cable must be securely fixed to this model and to the suspension truss in order to avoid the fixture accidentally falling, should the main fixing point fail.

The safety cable used must be approved by a notified body according to IEC 60598-2-17 and must be capable of bearing at least 10 times the weight of the unit. For more information,

please refer to an authorized service center.

You may attach the safety cable to the attachment point (A) located at the base of the fixture, as shown in the picture as below.



7 Product Features

7.1 Dimensions



7.2 Menu Operation



MENU	- To access the control menus in the display panel. - To return to the previous level in the menu structure without saving any changes. - To exit the menus.
ENTER	- To select any desired menu. - To confirm any selection made or save any changes.
UP / DOWN	- To navigate the menus' structure. - To scroll between any values.

7.3 Menu

Main Menu	1 st Level	2 nd Level	Description
Addr	D001/D51 2		DMX Address Setting
CHAL	CH7 CH23 CH28		Select Channel Mode
AUTO	CA50	01-50	Option: Press the ENTER button twice to access to next menu for s00-s50 speed and c000-c255 color
	CB50	01-50	
	CC50	01-50	
	CD50	01-50	
	CE50	01-50	
	CF50	01-50	
	CG50	01-50	
	CH50	01-50	
SOUD	CJ50	01-50	Sound Mode. Option: Press ENTER button twice to access to the sensitivity from A00-A99
	SO01-SO99		
STAT	r000	r000-r255	Manual Red Dimmer
	g000	g000-g255	Manual Green Dimmer
	b000	b000-b255	Manual Blue Dimmer
	w000	w000-w255	Manual White Dimmer
	r000	r000-r255	Manual Red Strip Dimmer
	g000	g000-g255	Manual Green Strip Dimmer
	b000	b000-b255	Manual Blue Strip Dimmer
	t000	t000-b255	Strobe
Rest	On/Off		Reset Default

7.4 DMX Chart

CH7	Value	Function
1	000-255	White dimmer
2	000-255	R1 Red dimmer
3	000-255	G1 Green dimmer
4	000-255	B1 Blue dimmer
5	000-255	R2 Red dimmer
6	000-255	G2 Green dimmer
7	000-255	B2 Blue dimmer

CH 23	Value	Function
1	000-255	Total dimmer
2	000-255	If the zone 1 is not 0,the light is on.When zone 1-4 value is default,all is on.
3	000-255	If the zone 2 is not at 0,the light is on
4	000-255	If the zone 3 is not at 0,the light is on
5	000-255	If the zone 4 is not at 0,the light is on
6	000-255	White strobe
7	000-255	White effect
8	000-255	White speed
9	000-255	rgb1 Flashing screen
10	000-255	rgb1 Color
11	000-255	rgb1 Effect
12	000-255	rgb1 Speed
13	000-255	rgb2 Flashing screen
14	000-255	rgb2 Color
15	000-255	rgb2 Effect, 255 Sound control
16	000-255	rgb2 Speed
17	000-255	W White dimmer
18	000-255	R1 Red dimmer
19	000-255	G1 Green dimmer
20	000-255	B1 Blue dimmer
21	000-255	R2 Red dimmer
22	000-255	G2 Green dimmer
23	000-255	B2 Blue dimmer

CH 28	Value	Function
1	000-255	W1 White linear dimmer
2	000-255	W2 White linear dimmer
3	000-255	W3 White linear dimmer
4	000-255	W4 White linear dimmer
5	000-255	R1 Red linear dimmer
6	000-255	G1 Green linear dimmer
7	000-255	B1 Blue linear dimmer
8	000-255	R2 Red linear dimmer
9	000-255	G2 Green linear dimmer
10	000-255	B2 Blue linear dimmer

11	000-255	R3 Red linear dimmer
12	000-255	G3 Green linear dimmer
13	000-255	B3 Blue linear dimmer
14	000-255	R1 Red linear dimmer
15	000-255	G1 Green linear dimmer
16	000-255	B1 Blue linear dimmer
17	000-255	R2 Red linear dimmer
18	000-255	G2 Green linear dimmer
19	000-255	B2 Blue linear dimmer
20	000-255	R3 Red linear dimmer
21	000-255	G3 Green linear dimmer
22	000-255	B3 Blue linear dimmer
23	000-255	R4 Red linear dimmer
24	000-255	G4 Green linear dimmer
25	000-255	B4 Blue linear dimmer
26	000-255	Red linear dimmer
27	000-255	Green linear dimmer
28	000-255	Blue linear dimmer

The device is controlled by universal DMX 512 protocol, DMX address is the start channel used to receive instructions from the external controller. For independent control, each fixture must be assigned its unique address control channels. For example, there is channel modes: 14/16, if we set the mode at standard 16 channels mode, and there are several models need to be independently controlled, we just simply address first fixture at 1, and second fixture at 17, third one at 33, etc.

- If the devices have the same address, they will behave synchronically.
- Display is flashing when no DMX signal is received.

8 More Functions

- Software upgrade function via DMX cable. If there is any new firmware for this device, it can be upgraded simply via a software upgrade box, without the need to change any mechanical parts. The upgrade box is not included in the package, if you need any further assistance please contact your authorized dealer.
- Hibernation. The device will enter standby mode if activated after a period of disconnecting DMX signal to save power and will wake immediately when the DMX signal is sent or received again.

9 Technical Specifications

Power

- Input Voltage: 90~260V AC, 50/60Hz
- Power Consumption: 130W
- Fuse: F5A, 250V

Photometric

- Light Source: 4pcs*5050RGB(0.25w)+4 pcs 5730U(0.5w)+124pcs*3535U(3w)
- PWM: 1,000Hz
- LED Lifespan: 50,000hours

Effects

- Dimmer: 0~100%
- Retro strobe effect
- Pulse effect

Control

- Protocol: DMX512/RDM
- DMX Channels: 7/23/28
- Interface: 3-pin XLR in/out
- Built-in Programming: Yes
- Sound Active: Yes
- Display: 4-button LED display control panel

Housing

- Materials: Metal & flame retardant ABS
- Finishing: Matte black
- IP rating: IP20
- Cooling: Fan
- Net Weight: 10kgs

- Rigging: Power cable, signal cable

Cooling System

- Advanced cooling system integrated aluminum and copper with liquid
- Efficient low noise self adjusting fan cooling system
- Constant temperature readout and management function
- Over temperature protection management

Working Environment

- Maximum Ambient Temperature: 45°C
- Minimum Operating Temperature: -10°C
- Protection Rating: IP20

10 Periodic check-ups



WARNING! Disconnect from mains before service

Periodically check all mechanical parts, gears, guides, belts, etc., for wear and tear. Replace them if necessary.

Periodically check the lubrication of all components, particularly the parts subjected to high temperatures. If necessary, apply suitable lubricant (available from factory) where needed.

Check the tension of the belts and adjust them where necessary.

10.2 Electrical Components

Check all electrical components for correct earthing and proper connection of all connectors. Refasten where necessary.