

# User Manual

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# Safety Instructions













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

# Safety Instructions

**WARNING:** Do not look at the light source when the device is on.

**CAUTION:** This housing may be hot during and after operation.

- To reduce the risk of electric shock, do not open the device.
- Install this device in a location with adequate ventilation, at least 20 inch (50cm) from adjacent surfaces.
- Do not leave any flammable material within 20 inch (50cm) of this device while operating or connecting to power.
- Do not cover any ventilation openings as this may result in overheating.
- Keep the unit away from children.
- The electric connection should be carried out by a qualified person only.
- Make sure that the available voltage is not higher than the one stated in this manual.
- The power cord should always be in perfect condition. Switch the device immediately off when the power cord is squashed or damaged. It must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Do not connect this device to any dimmer pack.
- ONLY connect this device to a grounded and protected circuit.
- The maximum ambient temperature is 104° F (40° C). Do not operate this device at higher temperatures.
- Always disconnect from the mains when installing, maintaining or cleaning the unit.

	Before operate this unit, please carefully read this users guide and keep if needed in future. It's necessary to respect following rules.
	The disposal of the device after lifecycle could damage the environment, need to take it to special company for recycling or return to authorized dealer.
	The products referred to in this manual conform to the European Community Directives and are therefore marked with CE logo.
	Keep this device away from children and unauthorized users, the manufacturer will not take responsibility for the damage due to any disregard of the information provided in this manual and wrong operation.
	Before operate the device, please make sure the fixture is in good housing, ensure pan and tilt can rotate in its complete range.
<b>--0.5m</b>	Please make sure minimal 0.5m distance need to kept between the fixture to any flammable material.
	The device can only run with 100-240V voltage, 50/60 Hz power, don't connect to any other wrong power. Disconnect the device from main power before open the shield or maintenance.
	Never look directly into the projecting lens when the fixture is power on, the light may trigger epileptic seizures in photosensitive persons or persons with epilepsy. Especially at beam effect, extreme caution and observance of these safety instructions is mandatory.
	Don't put or install the device on a surface that subject to vibration or bumps.
<b>Ta=45°C</b>	The device is supposed to work in the temperate range -15° C and +45° C, do not use the device when the temperate exceed this range.
	The lens, shield need to be replaced when obviously broken, never use the device when the shield is not completed closed.
	Safety I class device, need to be earth connected.
	When the fixture is hanged overhead, the safety rope must be fixed to the bottom of the device to the appropriate fixing point.
	Always carry the device by the bracket, do not take the head directly for transportation.



# Overhead Rigging

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

The operator has to make sure that all safety-related and machine-technical installations are approved by an expert, before taking the unit in operation for the first time.

Please note: for overhead rigging in public or industrial areas, a series of safety instructions as double safety have to be followed.

# Maintenance and Cleaning

The following points have to be considered during the inspection:

- \* All screws and parts of the device have to be tight and may not be corroded.
- \* There may not be any deformations on the housing, color lenses, fixations and installation spots (ceiling, suspension, trussing).
- \* The electric power supply cables must not show any damage, material fatigue or sediments.

In order to maintain the device in good condition and extend the life time, we recommend to clean the device frequently.

The cleaning of heat sink and external optical lenses must be carried out periodically to optimize light output. The frequency of cleaning depends on the environment in which the fixture operates.

A detailed electric check by certified electrician each three month, make sure that the circuit contacts are in good condition, to prevent the circuit from overheating due to poor contact.

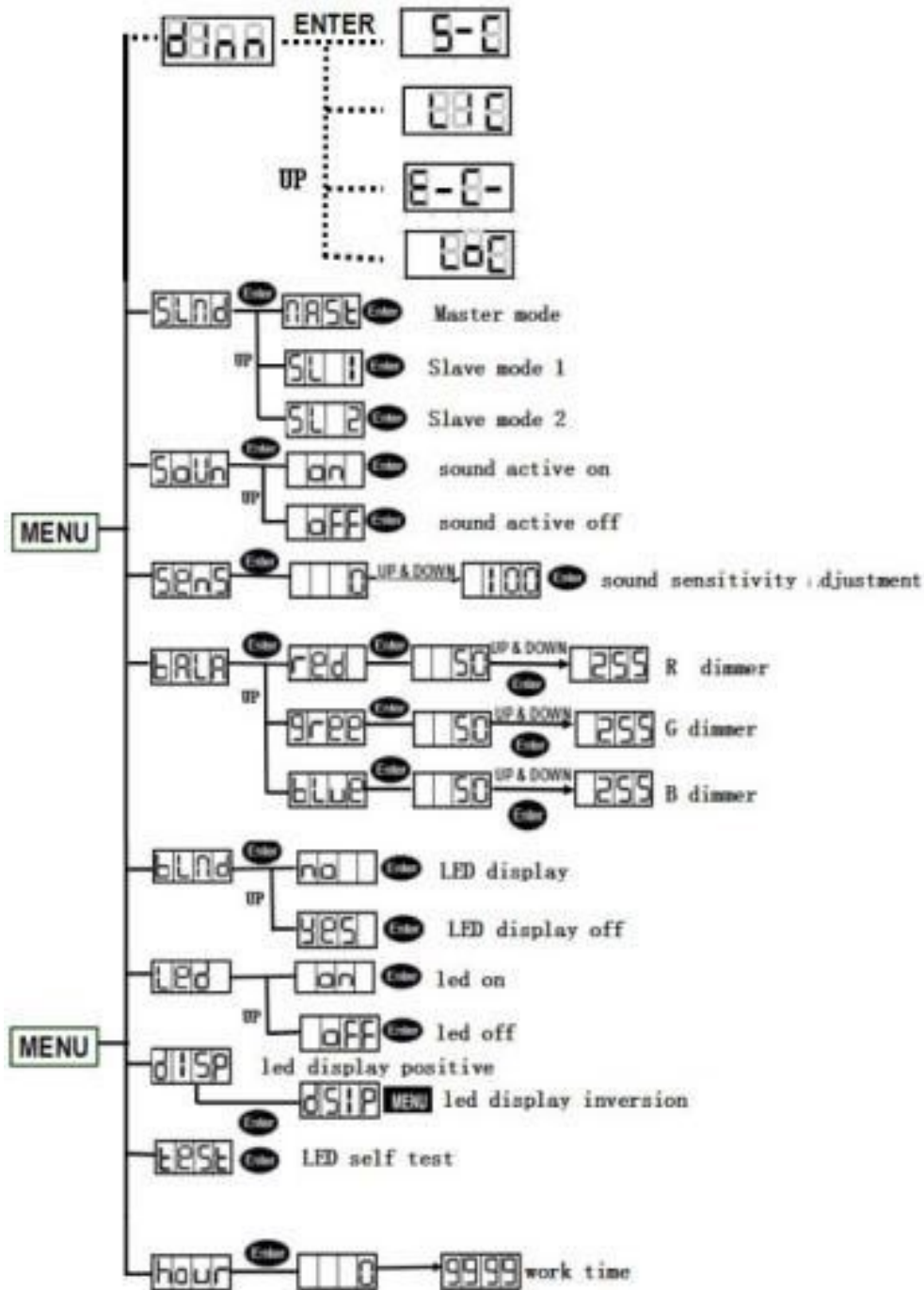
Clean with a soft cloth using glass cleaning products. Never use alcohol or solvents.

Always dry the parts carefully.

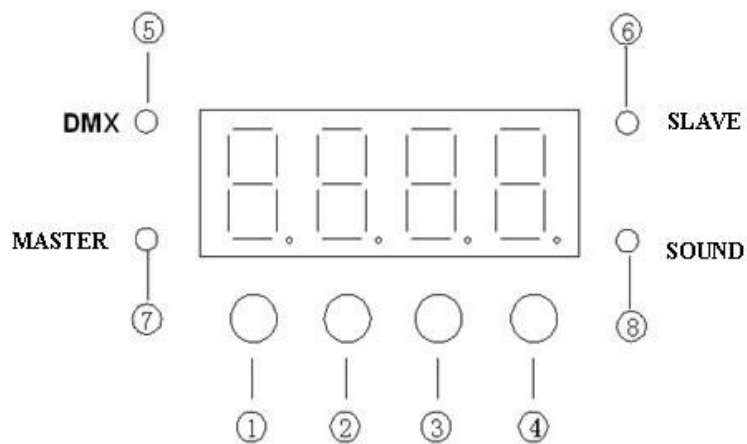


# Control Menu

Menu tree



## Display

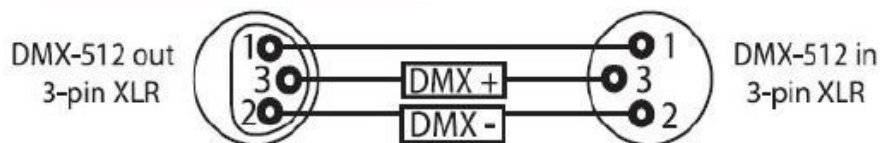
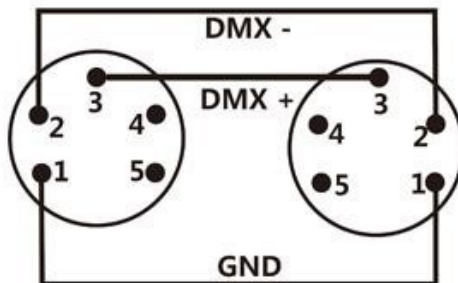


Number	Display	Function
①	MENU	Menu
②	DOWN	Down
③	UP	Up
④	ENTER	Enter
⑤	DMX	DMX mode, If received the DMX signal, the indicator light flashing
⑥	SLAVE	slave mode,, if received slave signal , the indicator light flashing
⑦	MASTER	Master mode, one machine or many in test, There is a setting for master , the indicator light
⑧	SOUND	In the sound active, if have sound signal, the indicator light flashing

## ✧ DMX signal

3-Pin XLR to 5-Pin XLR Conversion		
Conductor	3-Pin XLR Female (Out)	5-Pin XLR Male (In)
Ground/Shield	Pin 1	Pin 1
Data Compliment (- signal)	Pin 2	Pin 2
Data True (+ signal)	Pin 3	Pin 3
Not Used		Pin 4 - Do Not Use
Not Used		Pin 5 - Do Not Use

### DMX-512 — 5-pin XLR



XLR Pin Configuration
Pin 1 = Ground
Pin 2 = Data Compliment (negative)
Pin 3 = Data True (positive)

# Technical Specifications

## PHYSICAL

Dimensions (WxHxD): 580 x 114 x 72 mm

Packaging dimensions (WxHxD): 610 x 195 x 195 mm

Packaging dimensions 4 pcs (WxHxD): 630 x 410 x 410 mm

Nett weight: 4,8 kg

Gross weight: 6 kg

Gross weight (4 pieces): 21 kg

## MOUNTING OPTIONS

Hanging: Adjustable bracket with fixing knobs

Fixture array: Interlocking slots & receivers | Arrayable with Luxibel B 25

2nd suspension / safety wire: 1x eye on the back of the fixture to pass a safety wire or carabiner

## CONTROL

Menu control: Via 2.4" TFT display with 4x touch buttons

Control: DMX512, master slave

In/Link: XLR 3/5 pin

DMX mode : 1/4/7/25 channels

Dimming curves : 4

## OPTICAL

Beam angle: Fixed angle wash

Colours: RGB + Amber

Pixel control: Each cell individually

Frost system: Black and milk (removable)

Strobe: 0-20 Hz

## **ELECTRICAL**

Fixture rated power: 50W

Input power: 100 - 240V ~ 50/60 Hz - Auto switching power supply

LED engine: 5x 10W RGBA

In/Link: PowerCON TRUE1 - max link current 10A

## **ENVIRONMENTAL**

Cooling

Forced air cooling

IP rating

IP20

# Contact

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