

# User Manual



## **IMPORTANT SAFETY WARNING:**

This device has left the factory in perfect condition. In order to maintain this condition and to ensure safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual.

In order to install, operate, and maintain the lighting fixture safely and correctly we suggest that the installation and operation be carried out by qualified technicians and these instructions be carefully followed.

### **CAUTION!**

HIGH VOLTAGE. RISK OF SEVERE OR FATAL ELECTRIC SHOCK

### **CAUTION!**

ALWAYS DISCONNECT MAINS SUPPLY BEFORE REMOVING ANY FIXTURE COVERS

### **CAUTION!**

NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE. SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK

### **CAUTION!**

NEVER TOUCH THE DEVICE DURING OPERATION! COVERS MAY BE HOT  
CAUTION! KEEP THIS DEVICE AWAY FROM RAIN AND MOISTURE

**Important:** Damage caused by the disregard of this user manual is not subject to warranty. The dealer and manufacturer will not accept liability for any resulting defects or problems.

1. If the device has been exposed to temperature changes due to

environmental conditions, do not power on immediately. The resulting condensation could damage the device. Leave the device powered off until it has reached room temperature.

2. This device falls under protection-class I. Therefore, it is essential that the device be earthed.
3. If either lenses or display are damaged (damage may include cracks or gashes in the material) they must be replaced.
4. Electrical connections, such as replacing the power plug, must be performed by a qualified person.
5. Make sure that the available voltage is not higher than that which is stated at the end of this manual.
6. Make sure the power cord is never crushed or damaged by sharp edges. Should the power cord suffer If this should be the case, replacement of the cable must be done by an authorized dealer.
7. If the external flexible power cord of this device is damaged, it shall be exclusively replaced by qualified person in order to avoid injury.
8. When the device is not in use or before performing maintenance, always disconnect the device from the mains. Only handle the power cord from the plug. Never pull the plug out of a socket by tugging the power cord.
9. When powered on for the first time, some smoke or smell may occur. This is caused by coating on metal parts when heated and is normal.
10. Do not focus the beam onto flammable surfaces. The minimum distance between the exiting lens of the device and the illuminated surface must be longer than 0.5 meter.

**Please be aware that damage caused by any modifications to the device are not subject to warranty.**

#### **GENERAL GUIDELINES:**

1. This device is a lighting use on stages, in discotheques, theatres, etc., the device was designed for indoor use only.
2. Handle the device with care, avoid shaking or using force when installing or maintaining the device.
3. When choosing the installation location, please make sure that the device is not exposed to extreme heat, moisture or dust.
4. If you use the quick lock cam when rigging the device, make sure the quick lock fasteners are located in the quick lock holes correctly and securely.
5. Operate the device only after having familiarized yourself with its functions. Do not permit operation by persons not qualified for operating the device.
6. The applicable temperature for the device is between -10°C to 45°C. Do not use the device beyond of this temperature range.

**For safety reasons, please be aware that all modifications to the device are forbidden. If this device is operated in any way different to the ones described in this manual, the product may suffer damage and the warranty becomes void. Furthermore, any other operation may lead to short-circuits, burns, electric shocks etc.**

#### **INSTALLATION INSTRUCTIONS:**

**CAUTION!**  
DO NOT OPERATE THIS DEVICE WITH OPEN COVER

**RIGGING THE DEVICE**

**CAUTION!**  
PLEASE CONSIDER THE GB7000.1-2015, GB7000.217-2008 AND THE OTHER RESPECTIVE NATIONAL NORMS DURING THE INSTALLATION.THE INSTALLATION MUST BE CARRIED OUT BY A QUALIFIED PERSON.

1. Before rigging make sure that the installation area can hold a minimum point load of 10 times the device's weight.
2. Never stand directly below the device when rigging, de-rigging or maintaining the device.
3. All electrical connections should be approved by a qualified electrician prior to using the product.
4. When the device is permanently installed these installations have to be approved by a qualified person once a year.
5. Overhead rigging requires extensive experience, including (but not limited to) calculating working load limits, specifying installation/ rigging materials, and periodic safety inspection of all installation material as well as the device. If you lack these qualifications, do not attempt the rigging of this device yourself. Improper installation/ rigging can result in serious injury.

**The digital displays menu Instructions:**

No	Content	Value range	Function & Instructions
<b>1</b>	<b>d001</b>	<b>001- 512</b>	setting 4 channel mode
<b>2</b>	<b>A001</b>	<b>001- 512</b>	setting 8 channel
<b>3</b>	<b>R255</b>	<b>000 - 255</b>	R dimming,from dark to bright
<b>4</b>	<b>G255</b>	<b>000 - 255</b>	G dimming,from dark to bright
<b>5</b>	<b>B255</b>	<b>000 - 255</b>	B dimming,from dark to bright
<b>6</b>	<b>F255</b>	<b>000 - 255</b>	More than 5 are start strobe, the speed from slow to fast, through the RGBW select color
<b>7</b>	<b>CC15</b>	<b>00 - 15</b>	Colorful jump from slow to fast
<b>9</b>	<b>CP15</b>	<b>00 - 15</b>	Colorful changes from slow to fast.
<b>10</b>	<b>Sound</b>	<b>/</b>	Sound active effect

**DMX Channels Instructions:**

**4 Channels (D001 mode)**

Channe	Function	Instructions
CH1	R dimming	red light ,from dark to bright
CH2	G dimming	Green light ,from dark to bright
CH3	B dimming	Blue light ,from dark to bright

CH4	W dimming	White light ,from dark to bright
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### 8 Channels mode (A001 mode)

Channel	Function	Instructions
CH1	Master dimming	R、 G、 B、 W colors dimming,from dark to bright
CH2	R dimming	red light ,from dark to bright
CH3	G dimming	Green light ,from dark to bright
CH4	B dimming	Blue light ,from dark to bright
CH5	W dimming	White light ,from dark to bright
CH6	Master strobe	R、 G、 B、 W master strobe,from slow to fast..
CH7	Function choose	0-50: controlled by CH1-CH6; 51-100: color output (8); 101-150: transition; 151-200: gradient; 201-250 pulse; 251-255: voice
CH8	Function speed	Function speed, from slow to fast (color output for color selection)

### CLEANING AND MAINTENANCE:

#### The following points have to be considered during 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 to the housing, lenses, rigging and installation points (ceiling, suspension, trussing).
- 3) Motorized parts must not show any signs of wear and must move smoothly without issue.
- 4) The power supply cables must not show any damage, material fatigue or sediment. Further instructions depending on the installation location and usage have to be adhered to by a qualified installer and any safety concerns have to be removed.

#### In order to ensure the device remains in good condition and does not fail prematurely, we suggest regular maintenance.

- 1) Clean the inside and outside lens each week to avoid loss of output due to accumulation of dust/ dirt on the lens.
- 2) Clean the fans each week to ensure maximum airflow and efficient thermal cooling. This will ensure the light source is operated in the best possible condition.
- 3) A detailed electrical check by an approved electrician every quarter to make sure that the circuit contacts are in good condition. This will prevent poor circuit contacts and the resultant overheating.

We recommend frequent cleaning of the device. Please use a moist, lint- free cloth. Never use alcohol or solvents.

### Technical diameters:

### POWER SUPPLY

AC 90-240V,50/60Hz

Power Consumption: 120W

**OPTICS**

9 x 12W high power LEDs

RGBW 4 in 1 LED make even and smooth color mixing effect

Extremely long Life: 50,000H and low power consumption

**COLORS**

Nice color mixing

**FEATURES**

2 Control channel modes: 4/8 channels

4 operations modes: DMX-512, Master / Slave&,Sound Active&Auto

Lens angle:25 degree,15\45 degree on request

**DISPLAY**

Digital LED display

**WHIGHT**

Net weight: 4.0 kg

**Size**

250\*200\*140mm