



USER MANUAL

PARBAR QUAD



Please keep the manual carefully for future reference

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Introduction

Thank you for your patronage. We are confident that our excellent products and service can satisfy you. For your own safety, please read this user manual carefully before installing the device.



In order to install , operate, and maintain the lighting safety and correctly. We suggest that the installation and operation should be done by the verified technician and follow the instruction strictly.


Following spare parts are included with the fixture:

1. One PARBAR QUAD light
2. One T-stand
3. One wireless foot controller
4. One remote controller
5. One use manual
6. One power cable






Caution

Before leaving the factory, this device has passed strict inspection, functions stable and perfect packing. If this device will be operated in any way different to the one described in this manual, the product may suffer damages and the guarantee becomes void. Furthermore, any other operation may lead to dangers like short circuit, burns, electric shock, crash etc. If any technology changes of this manual, company do not notice in further and have interpretation.

CAUTION!	
	Keep this device away from rain and moisture!
	Unplug mains lead before opening the housing!

	Warning!
Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.	

Symbol Instruction On The Device

	CE Compliant
	...Suitable directly installed on the common combustible materials devices	
	Only indoor use
	Environmental protection
	The minimum distance from fixture to the lighted objects(meter)

1. Safety Instructions



CAUTION!

Be careful with your operations. With a dangerous voltage you will suffer a dangerous electric shock when touching wires!

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

- ▶ If the device has been exposed to temperature changes due to environmental changes, do not switch it on immediately. The arising condensation could damage the device. Leave the device switched off until it has reached room temperature.
- ▶ Please make sure that the device be earthed.
- ▶ Please replace housing if it is broken. This fixture can be used after finished installed.
- ▶ The electric connection must carry out by qualified person.
- ▶ Make sure that the available voltage is not higher than stated at the end of this manual.
- ▶ Make sure the power cord is never crimped or damaged by sharp edges. If this would be the case, replacement of the cable must be done by an authorized dealer.
- ▶ If the external flexible cable or cord of this fixture is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
- ▶ Please turn off the fixture if don't use in the fixture or want to clean, maintenance.



CAUTION!

**Never touch the device during operation!
The housing may heat up**



CAUTION!

**Never look directly into the light source,
as sensitive persons may suffer an epileptic shock.**

Please be aware that damages caused by manual modifications to the device are not subject to warranty. Keep away from non-professionals.

General Guidelines

- ▶ This device is a lighting effect for professional use on stages, in discotheques, theaters, etc., the device was designed for indoor use only.
- ▶ This fixture is only allowed to be operated with the max alternating current which stated in the technical specifications in the last page of this manual.
- ▶ The device can work continuously for eight hours. Lighting effects are not designed for permanent operation. Consistent operation breaks may ensure that the device will serve you for a long time without defects.
- ▶ Handle with care, do not make the device by strong shocks.
- ▶ While choosing the installation-spot, please make sure that the device is not exposed to extreme heat, moisture or dust. Please don't project the beam onto combustible substances. The minimum distance between light-output from the projector and the illuminated surface must be more than 1 meter.
- ▶ Please do not in damp, overheat or dusty environment install and use the device. Do not use light on fuel. The distance between the device and the projectile to keep at least 1 meter.
- ▶ If you use the quick lock cam in hanging up the fixture, please make sure the quick lock fasteners turned in the quick lock holes correctly, and add safety rope.
- ▶ Operate the device only after having familiarized with its functions. Do not permit operation by persons not qualified for operating the device. Most damages are the result of unprofessional operation.
- ▶ Please use the original packaging if the device is to be transported.
- ▶ For safety reasons, please be aware that all modifications on the device are forbidden.
- ▶ Any installation and maintenance must by professional person.

▶ If this device will be operated in any way different to the one described in this manual, the product may suffer damages and the guarantee becomes void. Furthermore, any other operation may lead to short-circuit, burns, electric shock, lamp explosion, crash, etc.

2. Installation instruction

CAUTION!

Please consider the GB7000.15/EN60598-2-17 and the other respective national norms during The installation. The installation must only be carried out by a qualified person.

▶ The applicable temperature for the lighting is between -25°C to 45°C. Do not use the lighting under or above the temperature.

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

▶ The installation must always be secured with a secondary safety attachment, e.g. an appropriate safety rope. Never stand directly below the device when mounting, removing or servicing the fixture.

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

▶ These installations have to be approved by a skilled person once a year.

▶ Overhead mounting requires extensive experience, including among others

calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the device. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury.

3. Specification of the Device

4pcs 5*10W RGBW 4in1 LED with average 50000 hours lifespan;
beam angle: 15° ;

3-pins XLR

Each par bar can separately control

Single par can at 3m (light spot is 1.1m): Red: 210lux/Green: 590lux/

Blue: 70lux/ White: 480lux/ RGBW:690lux

4pcs par can full on at 3m(light spot is 2.1m): Red: 685lux/Green:1870lux

Blue: 165lux/ White:1400lux/ RGBW: 2300lux

Product size(without stand): 100*12*24cm

T-Stand: 1.2m--3m adjust, can loading max 50Kg

Wireless foot controller: 12V 23A, the farthest 30m available control(**please let wireless foot controller on OFF if not using it, for protect battery and won't be current consuming.**)

Packing: carry case

Packing case size: 108*31.5*15cm

Packing T-Stand bag size:126*14*15cm

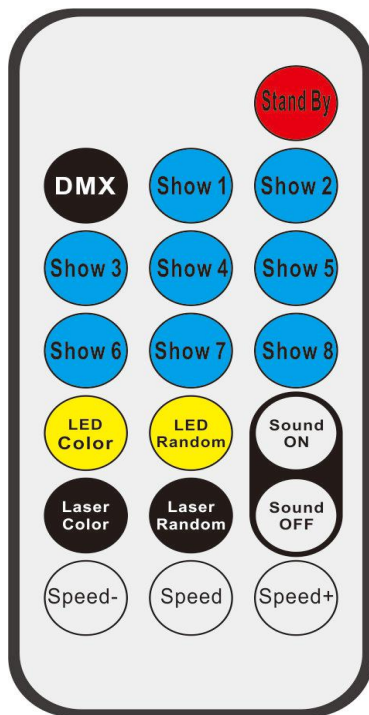
G. W: 17.8Kg (all of in one outer carton, including 1pcs light bag and 1pcs stand bag)

4. MENU and display

Menu operation

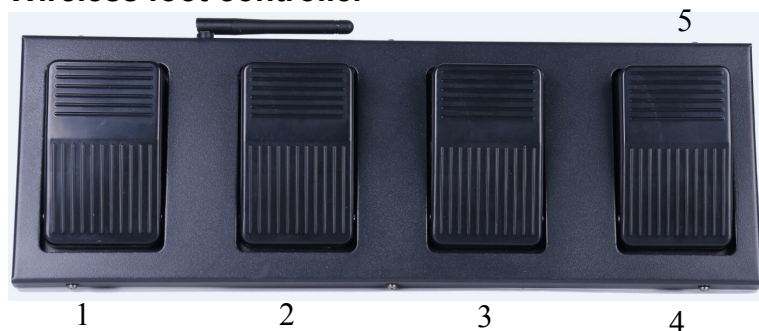
ID	Display	Range	Default value	Function
1	Addr	A001-A512	A001	DMX512
2	ChAn	05ch	20ch	5 DMX channel
		08ch		8 DMX channel
		20ch		20 DMX channel
3	CoLo	r000-r255	0	Manual color option, Red dimmer
		G000-G255	0	Manual color option, Green dimmer
		b000-b255	0	Manual color option, Blue dimmer
		v000-v255	0	Manual color option, White dimmer
		FL00-FL99	0	Strobe from slow to fast
4	Auto	Pr01-Pr08	Pr01	Auto mode
5	SP70	SP00-SP99	70	Chasing speed
6	BLAC	ON	OFF	Black-out On
		OFF		Black-out Off
7	Hold	ON	OFF	Hold On
		OFF		Hold Off
8	Soun	ON/OFF	OFF	Sound On/Off
9	SEnS	SE01-SE99	70	Sound sensitivity
10	CG99	01-99	99	Color gradual change
11	CJ99	01-99	0	Color jump change
12	Slnd	Host	SLAV	Master mode
		SLAV		Slave mode
13	Foot	ON/OFF	OFF	Wireless foot controller ON/OFF
14	LED	ON/OFF	ON	LED display(led display black-out after 13sec without click)
15	Deft	yes		Factory default
16	U1.00	U1.00		Software version

Remote Control



ID	Display	Function
1	Stand By	Power On/Off
2	DMX	Hold
3	Show 1	Show 1
4	Show 2	Show 2
5	Show 3	Show 3
6	Show 4	Show 4
7	Show 5	Show 5
8	Show 6	Show 6
9	Show 7	Show 7
10	Show 8	Show 8
11	Led Color	LED color Jump
12	LED Random	LED Color gradual change
13	Sound on	Sound on
14	Laser color	Hold
15	Laser Random	Hold
16	Sound Off	Sound off
17	Speed-	Show1-show8 speed increase
18	Speed	Show1-show8 speed in middle(default)
19	Speed+	Show1-show8 speed decrease

Wireless foot controller



ID	Silkscreen	Function
1	BLACK	Black mode
2	AUTO	Auto mode
3	COLOR	Color mode
4	MUSIC	Sound mode
5	ON/OFF	Power On/Off

Note: please let wireless foot controller on OFF if not using it, for protect battery and won't be current consuming.

5. DMX table

5CH Mode

Channel		Value	Function
1CH	Total dimmer	0-255	Total dimmer
2CH	Red dimmer	0-255	Red dimming
3CH	Green dimmer	0-255	Green dimming
4CH	Blue dimmer	0-255	Blue dimming
5CH	White dimmer	0-255	White dimming

8CH Mode

Channel		Value	Function
1CH	Total dimmer	0-255	Total dimmer
2CH	Strobe	0-255	Strobe from slow to fast
3CH	Red dimmer	0-255	Red dimming
4CH	Green dimmer	0-255	Green dimming
5CH	Blue dimmer	0-255	Blue dimming
6CH	White dimmer	0-255	White dimming
7CH	Show mode	0-9	No function
		10-99	Color option
		100-129	Jumping
		130-159	Gradual change
		160-189	Chasing
		190-219	Sound 1(Gradual +chasing)
		220-249	Sound 2(Jumping)
250-255	Sound 3 (Chasing)		
8CH	Speed	0-255	Speed from slow to fast

20CH Mode

Channel		Value	Function
1CH	Total dimmer	0-255	Total dimmer
2CH	Strobe	0-255	Strobe from slow to fast
3CH	R1 dimmer	0-255	Red1 dimming
4CH	G1 dimmer	0-255	Green1 dimming
5CH	B1 dimmer	0-255	Blue1 dimming
6CH	W1 dimmer	0-255	White1 dimming
7CH	R2 dimmer	0-255	Red2 dimming
8CH	G2 dimmer	0-255	Green2 dimming
9CH	B2 dimmer	0-255	Blue2 dimming
10CH	W2 dimmer	0-255	White2 dimming
11CH	R3 dimmer	0-255	Red3 dimming
12CH	G3 dimmer	0-255	Green3 dimming
13CH	B3 dimmer	0-255	Blue3 dimming
14CH	W3 dimmer	0-255	White3 dimming
15CH	R4 dimmer	0-255	Red4 dimming
16CH	G4 dimmer	0-255	Green4 dimming
17CH	B4 dimmer	0-255	Blue4 dimming
18CH	W4 dimmer	0-255	White4 dimming
19CH	Show mode	0-9	No function
		10-99	Color option
		100-129	Jumping
		130-159	Gradual change
		160-189	Chasing
		190-219	Sound 1(Gradual +chasing)
		220-249	Sound 2(Jumping)
		250-255	Sound 3 (Chasing)
20CH	Speed	0-255	Speed from slow to fast

6. DMX-512 control connection

Connect the provided XLR cable to the male 3-pin XLR output of your controller and the other side to the female 3-pin XLR input of the light. You can chain multiple lights together through serial linking, the signal cable should have two core with shielded cable, the signal connectors are with XLR input and output connectors. Please refer to the below diagram:



7. DMX address setting

Each fixture must set a specific starting address. When receiving signal, fixture will receive channel control signals of this address from the DMX controller.

For easy to use, the user can set the same address for several fixtures , also can set up a unique address for every device.

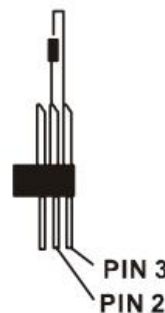
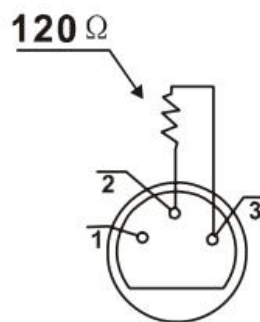
If you set the same address for all fixtures, all the fixtures will receive from the same DMX channels signal. All connecting fixtures are jointly controlled, controller can't separate control a device.

If you set a different address for each fixture, each fixture will receive unique signal and can be controlled by DMX controller separately.

This fixture has 20 channels,you should set the starting address of the first unit to 1, the second unit to 21($1*20 + 1$), the third unit to 41 ($2*20+ 1$), and so on.

DMX-512 connection with DMX terminator

If there are many lines or lights, it is recommended to use a DMX terminator to prevent DMX signal corruption, the DMX terminator is a simple XLR plug with a 120 Ω resistor connected between pins 2 and 3,which is then plugged into the output XLR socket of the last fixture in the chain.



Welding a 120 ohm resistor between 2 and 3 pins male XLR , and insert it into the signal output of the last device

8. Cleaning and maintenance

The following points have to be considered during the inspection:

- 1). All screws of the device have to be tightly connected and must not be corroded.
- 2).There must not be any deformation on housings, fixations and installation spots(ceiling, suspension,trussing).
- 3).Mechanically moving parts like axles,eyes and others must not show any traces of wearing (eg: material abrading or damages)and must not rotate with unbalances.
- 4).The electric power supply cables must not show any damages,material fatigue(eg: porous cables) or sediments.
- 5). Please use wet cloth to clean the housing. Glass cleaning liquid is suitable, never use alcohol or solvents!

Further instructions have to be adhered by a skilled installer to prevent any safety problems.

The cooling-fan should be cleaned monthly. The interior of the fixture should be

cleaned at least annually using a vacuum-cleaner or an air-jet.

There are no serviceable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers.

Warranty Card

This product is made of high-brightness transistor. We will provide 1 year warranty under the condition that user has operated the light normally and lifetime service. We won't provide warranty if the damage is caused by artificial or force majeure event. Cost of fittings should be charged by user if product need maintenance after 2 year .Please cut this warranty card and shipped it along with the product to our factory when applying for warranty.

Product:	Purchasing date:	Code of invoice:
Warranty date: From	To	
User's name:	Add:	
Company:	Tel:	