

18 APP WIRELESS WATERPROOF

6IN1 RGBAW UV POWERD & WIRELESS



USER INSTRUCTION MANUAL

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 safely correctly.

We suggest that the installation and operation should be done by the verified technician and follow the instruction strictly.



CAUTION!

Unplug mains lead before device's installation, cleaning and maintenance!

Every person involved with the installation, operation and maintenance of this device has to:

-be qualified

-follow carefully the instructions of this manual

INTRODUCTION

Thank you for having chosen this professional led par.

You will see you have acquired a powerful and versatile device.

Unpack the device. Inside the carton box you should find:

1. One power in cable
2. One 3 Pin DMX cable(5 Pin optional)
3. One IR remote
4. One English user manual

(Flight case, Clamps are optional, please contact your dealer)

Please check carefully that there is no damage caused by transportation. Should there be any questions, please consult your dealer and don't install this device.

GENERAL GUIDELINES

This device is a lighting effect for a professional use on stages, TV, 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 6th page of this manual.

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.

Do not shake the device. Avoid brute force when installing or operating the device.

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 0,5 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.

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. 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, crash, etc.

SAFETY INSTRUCTIONS



CAUTION!

Be careful with your operations. With a dangerous voltage you can 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.

1. In order to guarantee the product's life, please don't put it in the damp places or even the environment over 60degrees.
2. Always mount this unit in safe and stable matter.

The qualified professionals are allowed to carry out the lamp installation, operation and maintenance, but they must guarantee to operate in strict accordance with the instructions referred to.



Important:

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.

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 temperatures.

This device falls under protection-class I . Therefore it is essential that the device be earthed.

The electric connection must carry out by qualified person.

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.

Always disconnect from the mains, when the device is not in use or before cleaning it. Only handle the power cord by the plug. Never pull out the plug by tugging the power cord.

During initial start-up some smoke or smell may arise. This is a normal process and does not

necessarily mean that the device is defective, it should decrease gradually.

Please don't project the beam onto combustible substances.

If the external flexible cable or cord of this luminaire 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.



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 children and non-professionals.

CLEANING AND MAINTENANCE

1. During long periods of non-use, disconnect the unit's main power.
2. It should be installed in a well-ventilated place, at a distance of 50 centimeters or more with the walls. At the same time, please check if the fan and ventilation holes are unobstructed.

The following points have to be considered during the 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 on the housing. Fixations and installations spots(ceiling, suspension, trussing).
- 3) Mechanically moved parts must not show any traces of wearing and must not rotate with unbalances.
- 4) The electric power supply cables must not show any damage, material fatigue or sediments. Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.



CAUTION!

Disconnect from mains before starting maintenance operation!

In order to make the lights in good condition and extend the life time, we suggest a regular cleaning to the lights.

- 1) Clean the inside and outside lens each week to avoid the weakness of the lights due to accumulation of dust.
- 2) A detailed electric check by approved electrical engineer each three month, make sure that the circuit contacts are in good condition, prevent the poor contact of circuit from overheating.

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

TECHNICAL PARAMETERS

BODY

Die cast aluminum

Waterproof grade: IP65

Bracket: widened design for greater stability

LIGHT SOURCE

Light source: 18x20W RGBWA UV LED

LED lifespan: 50000 hours

OPTIC

Beam angle: 20 °

Dimming: No jitter

CCT shortcut key (color temperature 2000K-10000K adjustable)

CONTROL AND PROGRAM

6 touch buttons

Control panel: OLED display screen

Control protocol:

Wired DMX512, IR remote control, APP (WIFI) (supports Apple and Android), 2.4G wireless DMX512, RDM

DMX channel mode: 4 modes

DMX channels: 2/6/8/11 channels

Software upgrade: Upgrade software through DMX connection

ELECTRICAL

Input power range: AC110V-240V,50/60Hz

Power: 120W

Power socket: Waterproof ture1powercon in&out (Seetronic brand)

Signal: 3-Pin waterproof XLR socket in&out

BATTERY

Battery capacity:24000mAh

Charging and discharging times: 500 times

Charging time: 6.5H

Full power on: 3H

Auto: Self run 6H

monochrome run: 15H

WORK ENVIRONMENT

Maximum ambient temperature: 45 ° C

Minimum operating temperature: 0 ° C

Maximum surface temperature: 65 °

Protection level: IP65

INSTALL

Can be installed horizontally/vertically/upside down Quick
lock hole at the bottom

Safety rope hole

FACTORY CONFIGURATION

Instruction manual

Power line/DMX signal line/remote control

OPTIONAL PARTS

Flightcase

Clamps

Quick lock component

Magnetic diffusion filter

Barn door

1. panel operation instructions:



1. Menu Function Description:

display mode		Function Description	
Address	001—512	Address code setting	
Channel	2CH	2-channel mode	
	6CH	6-channel mode	
	8CH	8-channel mode	
	11CH	11 channel mode	
DMX Fail	Blackout	Control panel data black field	
	Hold	Console data retention	
Frequency	600HZ	600 refresh rate	
	1200HZ	1200 refresh rate	
	2000HZ	2000 refresh rate	
	4000HZ	4000 refresh rate	
	12KHZ	12K refresh rate	
	25KHZ	25K refresh rate	
Custom	Red:0-255	Red manual dimming	
	Green:0-255	Green manual dimming	
	Blue:0-255	Blue manual dimming	
	White:0-255	White manual dimming	
	Yellow:0-255	Yellow/Amber Manual Dimming	
	UV:0-255	Purple manual dimming	
Program	Static	01-32 types of static color mixing	
		Speed:00-16	Strobe speed (static color mixing at a speed of 00)
	Auto	Speed:01-16	Color jump
	Fade	Fade 01	Speed:01-16
		Fade 02	Speed:01-16
		Fade 03	Speed:01-16
	Sound	Sound:01	Sens:00-99
		Sound:02	Sens:00-99
		Sound:03	Sens:00-99
		Sound:04	Sens:00-99
	CCT	2000K	Voice controlled color change+mutation+color changing flicker
		2200K	
		2400K	
		2600K	
		2800K	
		3200K	
		3600K	

		4000K	
		4400K	
		4800K	
		5200K	
		5600K	
		6000K	
		6400K	
		6800K	
		7200K	
		7600K	
		8000K	
		8400K	
		8800K	
		9200K	
		9600K	
		10000K	
	WIFI	LED_XXX	WIFI mode and link address
MASTER/SLAVE	MASTER/SLAVE		Master/Slave
Wireless DMX ON/OFF	ON Longpress to confirm in State Key, select GZ/RD MODE	GZ mode Group ID:1-7 RD mode	Frequency band ID1-ID7 Red/Green/Yellow/Blue/Purple/Blue/White Clear Pairing On Off
Run Time	2/4/6/8 hour		Lamp usage time setting
Back Light			
	20s		Display standby for 10 seconds and turn off the screen
	30s		Display standby for 20 seconds and turn off the screen
	40s		Display standby for 30 seconds and turn off the screen
IR	ON/OFF		Infrared remote control on/off
Menu Lock	ON/OFF		Key lock on/off (When locking the screen, press and hold the UP+DOWN key to unlock)
Factory Reset	NO/YES		System self check reset
Curve	Led Curve 1		linear curve
	Led Curve 2		Square curve
	Led Curve 3		Logarithmic curve

	Led Curve 4	s-curve
Information	Version V10	Software version
	RDM	IDXXX
	Temperature	XX
	Current Time	XX

Remarks:

- A. In A001 status mode, press and hold the ENTER key for 3 seconds before the program automatically enters current regulation mode. Press ENTER again to select the color (up and down keys to adjust the value), and then press Menu key to return.
- B. The frequency band indicator light is red slow flashing when the host sends, and green slow flashing when the slave receives.
- C. The steps for controlling mobile phone WIFI are as follows:
 Step 1: Install the app for this software on your phone first (LED LAMP - Stage - LED LIGHT)
 Step 2: Switch the lamp display function to WIFI mode (under the menu Program WIFI mode)
 Step 3: Open the settings icon on your phone, open WIFI, and search for the WIFI address. The text starting with an LED will appear. For example, "LED-XXX", click on the link
 Step 4. The phone returns to the Home screen, finds the APP installed on the phone, opens it, and controls it after the link is successful.
- D. In the menu Wireless mode, the 7 frequency bands of wireless 2.4G can be adjusted, and the corresponding light colors of the 7 frequency bands are as follows (01 red/02 green/03 yellow/04 blue/05 light blue/06 purple/07 white)
- E. During the charging process, the charging interface will appear on the display screen (if you need to use the lamp while charging, press the MENU button under the charging interface to enter the operation mode and operation mode of the lamp)
- F. Over temperature protection function: (1. When the temperature reaches 50° 59° C, the program will automatically reduce the brightness by 30%; 2. When the temperature reaches 60° 69° C, the program will automatically reduce the brightness by 25%; when the temperature reaches 70° 79° C, the program will automatically reduce the brightness by 30%; when the temperature reaches 80° C, the program will automatically turn off the light)
- G. This lamp supports wired RDM and software online upgrade functions.

3、DMX512 Channel Description:

channel number	2CH MODE	6CH MODE	8CH MODE	11CH MODE
----------------	----------	----------	----------	-----------

CH1	0-255Total dimming	0-255Red linear dimming	0-255Total dimming	0-255Total dimming
CH2	0-10 Closed light 11-20 Color temperature2000K 21-30 Color temperature2200K 31-40 Color temperature2400K 41-50 Color temperature2600K 51-60 Color temperature2800K 61-70 Color temperature3200K 71-80 Color temperature3600K 81-90 Color temperature4000K 91-100 Color temperature4400K 101-110 Color temperature4800K 111-120 Color temperature5200K 121-130 Color temperature5600K 131-140 Color temperature6000K 141-150 Color temperature6400K 151-160 Color temperature6800K 161-170 Color temperature7200K 171-180 Color temperature7600K 181-190 Color temperature8000K 191-200 Color temperature8400K 201-210 Color temperature8800K 211-220 Color temperature9200K	0-255Green linear dimming	0-9Closed light , 10-255strobe (slow to fast)	0-255Red linear dimming

	221-230 Color temperature 9600K 231-240 Color temperature 10000K 241-255 NO FUNCTION			
CH3		0-255Blue linear dimming	0-255Red linear dimming	0-255Green linear dimming
CH4		0-255White linear dimming	0-255Green linear dimming	0-255Blue linear dimming
CH5		0-255Yellow linear dimming	0-255Blue linear dimming	0-255White linear dimming
CH6		0-255Purple linear dimming	0-255White linear dimming	0-255Yellow linear dimming
CH7			0-255Yellow linear dimming	0-255Purple linear dimming
CH8			0-255Purple linear dimming	0-9 off light, 10-255 strobe (slow to fast)
CH9				0-10 Closed light 11-20 Color temperature 2000K 21-30 Color temperature 2200K 31-40 Color temperature 2400K 41-50 Color temperature 2600K 51-60 Color temperature 2800K 61-70 Color temperature 3200K 71-80 Color temperature 3600K 81-90 Color temperature 4000K 91-100 Color temperature 4400K 101-110 Color temperature 4800K 111-120 Color temperature 5200K 121-130 Color temperature 5600K 131-140 Color temperature

				6000K 141-150 Color temperature 6400K 151-160 Color temperature 6800K 161-170 Color temperature 7200K 171-180 Color temperature 7600K 181-190 Color temperature 8000K 191-200 Color temperature 8400K 201-210 Color temperature 8800K 211-220 Color temperature 9200K 221-230 Color temperature 9600K 231-240 Color temperature 10000K 241-255 NO FUNCTION
CH10				0-9 Closed light 10-50 Static color mixing 51-100 Jump mode 101-150 Gradient mode 151-200 mutation pattern 201-215 Color changing voice control 216-230 Color strobe voice control 231-245 Mutant voice control 246-255 Breathing voice control
CH11				0-255speed

3、Infrared remote control function:



- 1、Dimming up button
- 2、Dimming down key
- 3、OFF light off pause
- 4、ON operation
- 5、R、G、B、W、A、UV keys are 6 monochromes.
- 6、The 0 key is in the A001 console reception mode, and the up and down keys adjust the address
- 7、1-9 number keys for 9 mixed colors.
- 8、The AUTO key changes color, and the up and down keys adjust speed.
- 9、The STROBE key is a strobe, and the up and down keys adjust the speed.
- 10、FADE key for color gradient, up and down keys to adjust speed.
- 11、The SOUND key is for voice control, and the up and down keys are used to adjust the current voice control mode.

