



SMART 2 RGBWA+UV

User Manual



**LED 9x18W RGBWA+UV, battery operated
wireless DMX & remote controlled fixture**

Please read over this manual before operating the light

Important !!!

General Instructions

To optimize the performance of this product, please read these operating instructions carefully to familiarize yourself with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance. Please keep this manual with the unit, for future reference

PLEASE CHARGE THE FIXTURE FOR 8 HOURS BEFORE THE INITIAL USE To charge your light, please turn off the power switch and plug in attached power cord.

ALWAYS CHARGE YOUR LIGHT FULLY (6hrs) this will extend the battery's life span.

PAY ATTENTION TO VENTILATION to prevent the battery from overheating or burning when charging.

Introduction

Thank you for purchasing our product ! All products have been thoroughly tested and have been shipped in perfect operating condition. Please carefully check the packaging for any damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit have arrived intact. If any damage has been found or parts are missing, please contact the manufacturer or your dealer for further instructions. Do not return this unit without contacting first.

Your SMART 2 is a wireless DMX and battery powered LED par light. This par light is light-weight and compact, which makes it a great piece for lighting companies, mobile DJ's, venues and clubs.

Warning! To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

Caution! There are no user serviceable parts inside this unit. Do not attempt any repairs yourself;. Doing so will void your manufactures warranty. In the unlikely event your unit may require service, please contact the manufacturer or your dealer. .



Features

- Power supply: AC100V-250V
- Frequency: 50-60Hz
- Maximum power consumption: 165 W
- Light source: 9pcs 18W high brightness 6 in1 leds
- Lamp life: 6-10 thousand hrs
- LED angle: 30(±5) degree
- Colors 16.7 million
- DMX control channels: 6/10
- Battery powered & wireless DMX
- Wireless DMX-512 protocol
- Built in 2.4G receiver/ transmitter for wireless DMX operations
- Control mode: DMX512, master/slave, auto, sound active
- Auto modes color change, strobe, color dimmer, color gradual change, color jump change
- Display: Color LED
- Fixture Size: 8.5" x 8.5" x 5"
- N.W: 8.2 lb

Safety Precautions

- To reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.
- Do not spill water or other liquids into or onto your unit.
- Be sure that the local power outlet match that of the required voltage for your unit.
- Do not attempt to operate this unit if the power cord has been frayed or broken. Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Disconnect from main power before making any type of connection.
- Do not remove the cover under any conditions. There are no user serviceable parts inside.
- Never operate this unit when it's cover is removed.
- Never plug this unit in to a dimmer pack.
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" between this device and the wall.
- Do not attempt to operate this unit if it becomes damaged.
- This unit is intended for indoor use only; use of this product outdoors voids all warranties.
- During long periods of non-use, disconnect the unit's main power.
- Always mount this unit in safe and stable area.
- Power-supply cords should be routed so that they are not walked on or pinched by items placed upon or against them.
- The fixture should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- The fixture should be serviced by qualified service personnel when:
 - The power-supply cord or the plug has been damaged.
 - Objects have fallen, or liquid has been spilled onto the appliance.
 - The appliance has been exposed to rain or water.
 - The appliance does not appear to operate normally.
- Fuse standard is F5AL 250V
- Grounded using yellow/green line
- The ambient temperature must always be under +35° C

Set Up

Power Supply: Before plugging your unit in, be sure the source voltage in your area matches the required voltage for your light (100-220V/50~60Hz). Because line voltage may vary from venue to venue, make sure your unit voltage matches the wall outlet voltage before attempting to operate you fixture.

Operating Instructions

Operating Modes:

- Static color – displays chosen color
- Sound activation – colors change activated by the sound signal
- Auto Mode - The unit will automatically chase through different patterns
- DMX control -control the light with a standard DMX 512 controller
- wireless DMX - control the light with wireless DMX controller
- wireless - link the lights wirelessly and control all of them with the host fixture

USING REMOTE:

Point the remote into the Infrared sensor of the light, and press desired function.

DMX Mode: Operating through a DMX controller gives the user freedom to control the light and create their own programs tailored to their own individual needs. The light uses 6/10 DMX channels to operate. Please see “DMX channel functions” for the DMX traits.

WIRELESS DMX mode (for the best wireless performance open antenna)

The light can be operated with wireless 2.4G DMX controllers using color led coding. To enable wireless DMX please enable wireless connectivity SYSTEM SETTINGS -->> WIRELESS SETTINGS -->ON, then go into USER SETTINGS --> DMX ADDR SETTINGS and choose desired DMX channel (we recommend using our Wireless DMX Transmitter, DMX 512 2.4Ghz)

WIRELESS LINKING (operating all lights using your master light with remote or manually)

You can wirelessly link all the lights together by enabling the wireless connectivity SYSTEM SETTINGS -->> WIRELESS SETTINGS -->ON. Set the master light by going to MODE OPTIONS --> STATIC COLOR (this will be your master light. You may controll it manually or using remote). To set the SLAVE lights please enable wireless connectivity SYSTEM SETTINGS -->> WIRELESS SETTINGS -->ON, then go to USER SETTINGS --> SLAVE SETTINGS --> ON (this light will be controlled with your master light)

DMX mode (using cable)

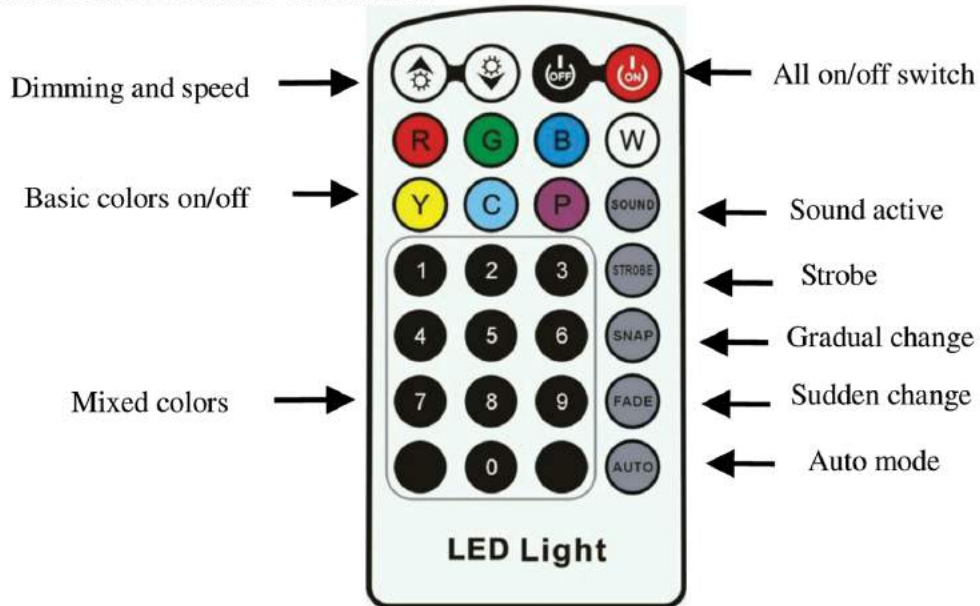
Control your light with a standard DMX 512 controller. To run your fixture in DMX mode, plug in the fixture via the XLR connections to any standard DMX controller. Set your desired DMX address through USER SETTINGS -> DMX ADDR SETTINGS.
The unit can automatically recognize the DMX signal once the DMX connection is done.

LED DISPLAY MENU

Mode options	User settings	System Settings	Information Inquiry
Static color select: Red 0-255 Green 0-255 Blue 0-255 White 0-255 Yellow 0-255 Purple 0-255 Strobe 0-255	Channel mode (DMX): 6CH 10CH	White balance: Red 0-255 Green 0-255 Blue 0-255 White 0-255 Yellow 0-255 Purple 0-255	PCB Motherboard temperature: °C
Macros color select: C:000-032	DMX address settings: A:000-512	Show Battery Icon: On Off	LED temperature: °C
Auto Mode Settings: 1. Color change mode Speed: 000-020 2. Color fade Speed: 000-020 3. Sudden change Speed: 000-020 4. Strobe Mode 1 Speed: 000-020 5. Strobe Mode 2 Speed: 000-020 6. Strobe Mode 3 Speed: 000-020 7. Strobe Mode 4 Speed: 000-020	Slave mode	Backlight settings: Turn on 5 seconds 10 seconds 15 seconds	Software version number: V:1.0
		Autolock(locks buttons) Off On	
		Language: Chinese English	
		Fan control: Auto High Speed Low Speed Medium speed	
		Infrared: Off On	

Sound active mode: Sound1 sensitivity 0-100 Sound2 Sensitivity 0-100 Sound3 Sensitivity 0-100	Wireless settings: Off On	Device work hours: 0000H
	Factory Reset: (—————) password UP-DWN-UP-DWN	

Infrared remote control functions:



DMX channel functions:

DMX / 6CH Mode

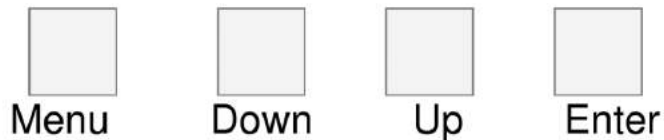
Channel	Description
CH1	0 No action, 1-255 red dimming
CH2	0 No action, 1-255 green dimming
CH3	0 No action, 1-255 blue dimming
CH4	0 No action, 1-255 white dimming
CH5	0 No action, 1-255 yellow dimming
CH6	0 No action, 1-255 Purple dimming

DMX / 10CH Mode

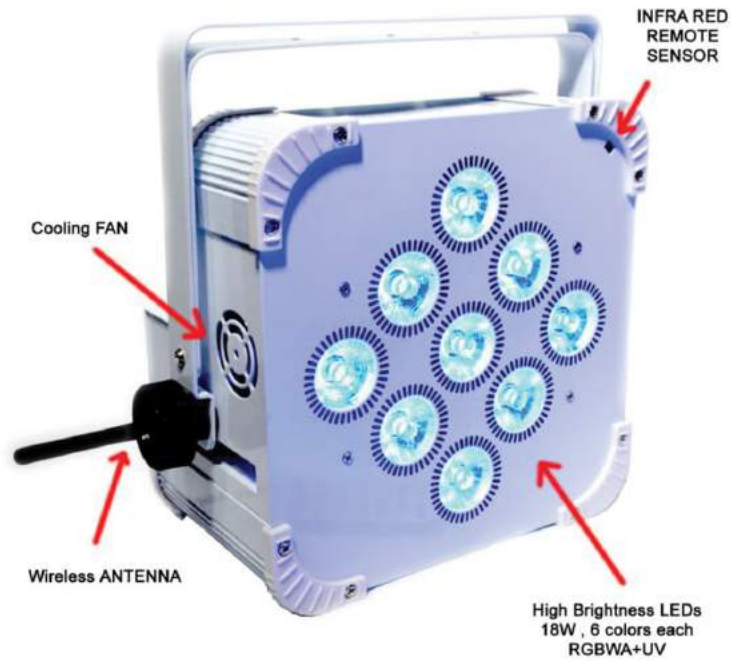
Channel	Description
CH1	0 No action, 1-255 Total dimming
CH2	0 No action, 1-255 Strobe
CH3	0 No action, 1-255 Red dimming
CH4	0 No action, 1-255 Green dimming
CH5	0 No action, 1-255 Blue dimming
CH6	0 No action, 1-255 White dimming
CH7	0 No action, 1-255 Yellow dimming
CH8	0 No action, 1-255 Purple dimming
CH9	0-9 Closed
	10-29 Blending select
	30-49 Auto Change
	50-69 Gradual change
	70-89 Sudden change
	90-109 Strobe+ Red background
	110-129 Strobe+Green background
	130-149 Strobe+Blue background
	150-169 Strobe+ Yellow background
	170-189 Strobe+ Purple background
190-209	
210-229 Sound 1	
130-249 Sound 2	
250-255 Sound3	
CH110	0 Closed, 1-255 Speed

Buttons instruction:

There are four buttons under the LED display: Menu, Down, Up, Enter. Press Menu to go to manu page. Press Up or Down to move through the menu options. Press Enter to confirm your choice.



CONTROLS AND FUNCTIONS



WARRANTY

Your SMART 2 fixture carries a 1 year (365 days) limited warranty. All returned service items, whether under warranty or not, must be freight pre-paid and accompanied a return authorization number RMA. If the original serial number sticker is removed the warranty will be void.

RECOMMENDED ACCESORIES:

- **RAINBOW LIGHTS, Wireless DMX Transmitter, DMX 512 2.4Ghz**

(to be used with any DMX controller, buy at: www.rainbowlightsus.com)



Thank you for choosing our product !



For future purchases and customer support,
please visit our website:

www.RainbowLightsUs.com

or email us at

sales@rainbowlightsus.com