

Battery Tube

RGBWA X360

User Manual



This manual contains important information.
Please read before operating fixture.

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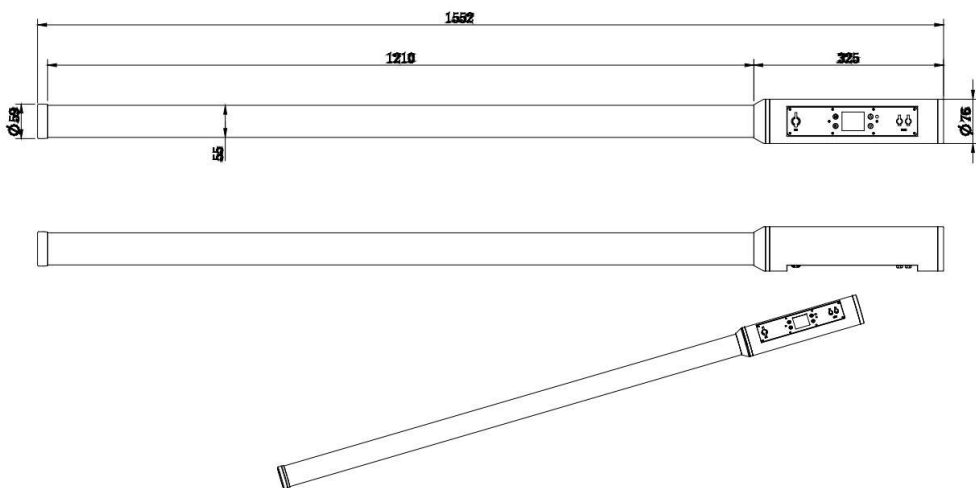
1.Safety instructions

WARNING!!! To reduce the risk of fire, electric shock, or injury to persons, follow these important safety instructions:

- non-professionals, not to disassemble the light arbitrarily and lighting accessories inside.
- rated voltage range: AC110V-120V/60Hz or AC200V-240V / 50HZ (to be selected).
- not beam irradiate the flammable materials, flammable materials and the lamp should be maintained at least 1M over the distance.
- lamps used in ambient temperature: $-20\text{ }^{\circ}\text{C}$ $-40\text{ }^{\circ}\text{C}$, the highest temperature of the surface of the lamp: $60\text{ }^{\circ}\text{C}$.
- to keep away from the liquid substance and humid environment.
- before using the lights must ensure the good grounding, can not install charging and remove any parts.
- the installation of lamps, must be fixed screw fasteners with additional security cable and regular inspection.
- lamps consecutive working hours is not recommended more than 10 hours.
- should stop using the lights in time when happens unusual conditions during the process
- lamp parts of the rotation, external accessories and paste parts should be regular inspected, such as the emergence of loose and rock, should be reinforced in a timely manner to prevent the accident.
- lamps adopt strong winds to refrigerate, it is easy to accumulate the dust, so you have to clean it weekly especially the cooling air opening, otherwise the dust will plug leading to poor light

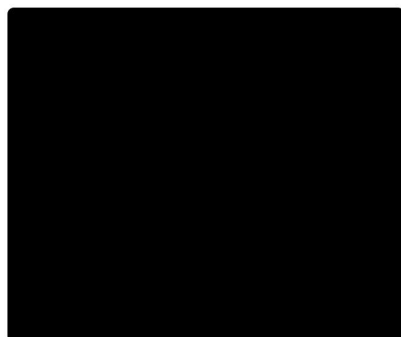
2 .Technical specifications





- Power input : 100-240V AC 50-60Hz
- Power : 60/45/30W
- LED: 288*0.25W RGBWA 5in1 ,24 pixel zone control
- 3 Channel mode : 10/52/124CH
- Control mode: Master-slave, sound, auto, DMX 512, wireless, infrared remote
- DMX in/out: 3pin XLR
- Control panel : LCD display
- Tube material: PC
- Dimmer: have 3 option(M1/M2/M3)
- IP rating: IP65
- Length: 1552mm
- Net weight: 3.34kg
- Battery type: Lithium Ion
- Battery charge time: 5hour
- Battery life: 4/6/8Hours(optional), (single Color) 20hours
- Battery capacity:12.6V 12000mAh



3. Operation

3.1 Control Panel



Button	When at top Navigation	When inside Main Menu	Other meaning
	Enter Main Menu	Back to previous Menu	Power on by holding button for 3 seconds
	Confirm	Confirm	
	Choose	Choose	Power off by holding UP and Down buttons same time about 3 seconds
	Choose	Choose	
Password lock:press UP,DOWN,UP ,M open the lock			


3.2 Operate menu


Addr	A001-A512	DMX Address selection
Mode	DMX	10ch/52ch/124ch
	Auto	Pro00~Pro20/ Sp00~Sp99
	Sound	Pro00~Pro20 / Se00~Se99
	Static	Dimmer :000-255
		Strobe:000-255
		C-Macro: 01~12
		Red: 000~255
		Green:000~255
		Blue:000~255
		Cold White:000~255
		Amber:000~255
		Fade: 000~255
		Jump: 000~255
	Slave	


	W-DMX	Link RDX1--Sweden Wireless
		Link RDX2--Guangzhou Wireless
		Unlink RDX-- DMX OFF
	Group	1ch / 2ch/ 3ch / 4ch / 5ch / 6ch / 7ch
	Display	on / off
	Display Rev	on / off
	Limiter	M1/M2/M3
	Key Lock	on / off
	Frequency	3K Hz / 22K Hz
	DMX Fail	Blackout / Sound / Auto / Hold
System Info	Firmware	Vxxx
	Time Info	13H
	Temperature	00℃/ 32F

3.3 Ways to control

The light can be controlled in several ways:

 Use infrared remote control, point it at individual lights and press the desired effect. Note that the IR sensor is next to the display.

 The light can be controlled by DMX512.

 The light can also be controlled by wireless, the built-in receiver is compatible with the world's major wireless communication protocols. Whether you use Sweden or Guangzhou wireless transceiver, we can be fully compatible with it. Group 1-7ch mean:Seven colors of wireless transmitter indicator light

3.4 controlled by infrared

The light can be controlled by the infrared remote :

Firstly choose Auto 、 Sound or Static mode of tube, and then exit interface.

- 1-Press remote ON button,the fixture automatically exits the current mode and enters infrared remote control mode.
- 2-Press any Static color to switch the corresponding color on the remote panel,after determined the color, press STROBE key and then press Speed of Effect key cans witch different strobe frequencies.
- 3-Press FLASH key to switch Auto mode,press FLASH repeatedly to switch to different Auto mode,In addition, press the select and effect speed key to select different Auto speed.
- 4-Pressing STROBE alone will not work and needs to be used with Static color.
- 5-Press FADE will appear color fade,if press speed of effect key can adjust the speed of close fade.
- 6-Press SMOOTH is Sound control mode, press SMOOTH repeatedly can switch different sound mode,and it will be has different Sound mode speed when press speed of effect Key.

3.5 controlled by wired DMX

The fixture itself has 2-3.5MM audio and video sockets,through specialized DMX Cable can be connect with DMX console.

It must be set to DMX mode and Menu(W-DMX--Unlink RDX)

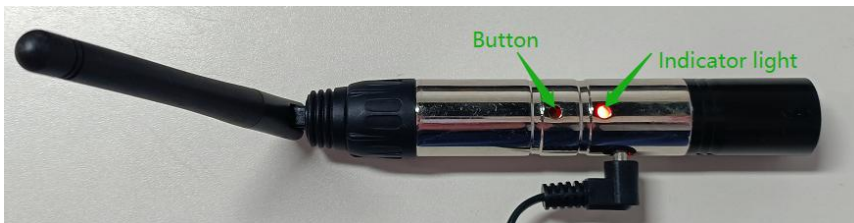
3.5 controlled by wireless

Two mode: Guangzhou and Sweden

3.51 Guangzhou Wireless

The operation method of fixture using Guangzhou wireless as follows:

- Firstly,Set the fixture to DMX Mode
- Secondly Set Menu(W-DMX) to Link RDX4
- Thirdly, on the Menu(GROUP) set any of groups,Groups 1 through 7, the color are red, green, yellow, blue, purple, cyan,and white.
- Through wireless transmitter button stand switch indicator color,make it keep the same color as wireless group.



The above operation can make wireless pairing successful.

3.52 Sweden Wireless

The operation method of fixture using Sweden wireless as follows:

Firstly,Set the fixture to DMX Mode.

Secondly Set Menu(W-DMX) to Link RDX2.

Thirdly Press wireless transmitter key make it paired with fixtures.

The above operation can make wireless pairing successful.

4 .DMX channel sheet

10 Channel		
CH	Function	Value
1	Total dimmer	Dimmer 0%-100%
2	Strobe	000-008: no strobe
		009-255: strobe from slow to fast
3	CTO	000-255
4	Red	Red dimmer 0%-100%
5	Green	Green dimmer 0%-100%
6	Blue	Blue dimmer 0%-100%
7	Cold White	Cold White dimmer 0%-100%
8	Amber	Amber dimmer 0%-100%
9	Color Chase	000-007 No function
		008-011 Effect 1
		012-015 Effect 2
		016-019 Effect 3
	
		244-247 Effect 60
		248-255 Sound
10	Chase speed	Chase effect from slow to fast

52 Channel		
CH	Function	Value
1	Total dimmer	Dimmer 0%-100%

2	Strobe	000-008: no strobe
		009-255: strobe from slow to fast
3	Pixel 1 CTO	000-255
4	Pixel 1	Section 1 Red, green, blue, cold white,Amber mixing color change
5	Pixel 2 CTO	000-255
6	Pixel 2	Section 2 Red, green, blue, cold white,Amber mixing color change

41	Pixel 20 CTO	000-255
42	Pixel 20	Section 20 Red, green, blue, cold white,Amber mixing color change
43	Pixel 21 CTO	000-255
44	Pixel 21	Section 21 Red, green, blue, cold white,Amber mixing color change
45	Pixel 22 CTO	000-255
46	Pixel 22	Section 22 Red, green, blue, cold white,Amber mixing color change
47	Pixel 23 CTO	000-255
48	Pixel 23	Section 23 Red, green, blue, cold white,Amber mixing color change
49	Pixel 24 CTO	000-255
50	Pixel 24	Section 24 Red, green, blue, cold white,Amber mixing color change
51	Color Chase	000-007 No function
		008-011 Effect 1
		012-015 Effect 2
		016-019 Effect 3
	
		244-247 Effect 60
		248-255 Sound
52	Chase speed	Chase effect from slow to fast

124 Channel		
CH	Function	Value
1	Total dimmer	Dimmer 0%-100%
2	Strobe	000-008: no strobe
		009-255: strobe from slow to fast
3	Pixel 1 Red	000-255
4	Pixel 1 Green	000-255
5	Pixel 1 Blue	000-255
6	Pixel 1 Cold White	000-255
7	Pixel 1 Amber	000-255
...
118	Pixel 24 Red	000-255
119	Pixel 24 Green	000-255
120	Pixel 24 Blue	000-255
121	Pixel 24 Cold White	000-255
122	Pixel 24 Amber	000-255
123	Color Chase	000-007 No function
		008-011 Effect 1
		012-015 Effect 2
		016-019 Effect 3
	
		244-247 Effect 60
		248-255 Sound
124	Chase speed	Chase effect from slow to fast

5.Package contents

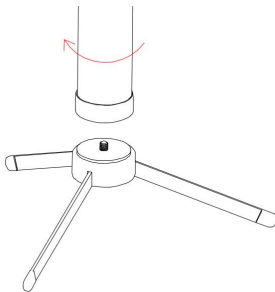
- 1*Tube
- 1*Remote
- 2*Ring
- 1*Tripod
- 1*DMX Cable
- 1*Charge Cable

6.Handing

6.1 Mounting Accessories

6.1.1Small tripod

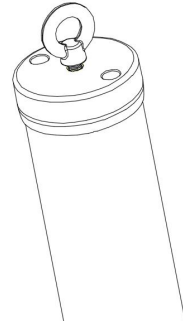
For a quick vertical setup, the Small tripod can be screwed onto the tube via one of its M8 threads. The Small tripod can be folded together for a convenient transportation.



Please note: the M8 threads are not designed for several tubes to be screwed together to form one long tube element.

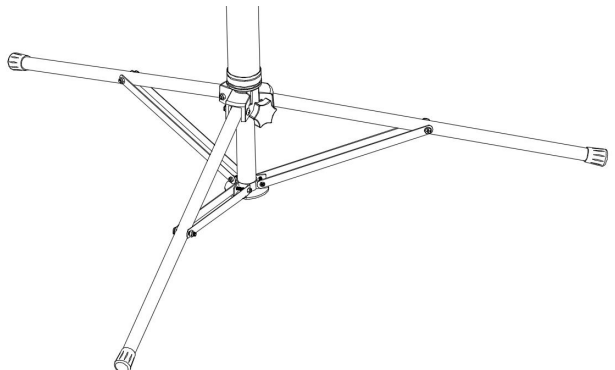
6.1.2 Rings

Rings can be screwed into the M8 Battery Tube



6.1.3 Big tripod(Optional)

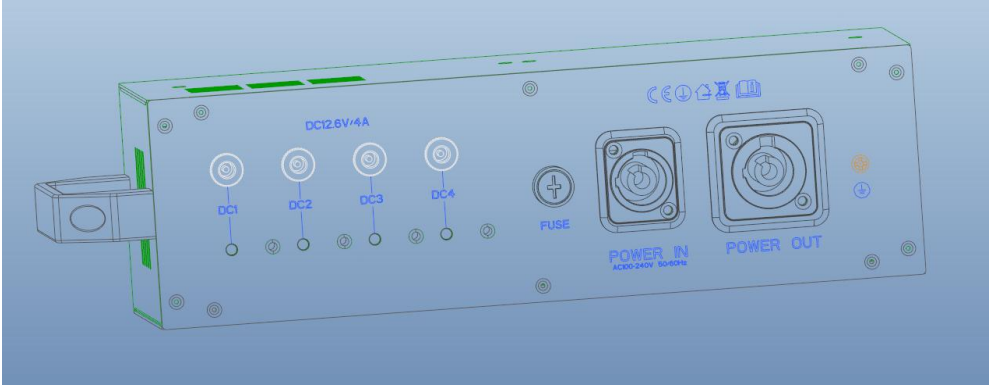
For a quick vertical setup, the big tripod can be screwed onto the tube via one of its M8 threads. The Small big tripod can be folded together for a convenient



transportation.

6.1.5 Charging box(Optional)

The charging box can supply 4/8 tubes at the same time charge



6.2 Battery

While running on battery, The fixture will default to the second level output, It can adjust the maximum brightness (first level) output and the minimum brightness (third level) output through the control panel.

The battery is specified to last for 500 full discharge cycles. Its runtime will have decreased to 70% by then. To increase the battery life, it is recommended to recharge as early as possible and not let the light run until the battery is fully discharged. Please

do not put all the power on standby, leave 30% power on standby, and charge once every six months .

If operated below 20°C, the battery runtime may be slightly shorter than predicted.

This is also true if the lights are stored for a long time at cold temperature right before they are used.

The light is constantly monitoring the LED temperature and dims down the brightness if it exceeds 65°C. That ensures a save and long-live operation but in a hot environment the brightness might be slightly lower.



Warranty Card

Name	Model	Production	Purchase
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End User
Company Name:
Add:

Sale Store	
Link man:	
Tel:	Stamp

Description: These must be truthfully fill, seal by the end-user and point-of-sale, or else the warranty will not work (warranty period and terms, see the following)

warranty period: one year since purchase warranty terms: 1、 If fail when using the product in normal state, you can made under the provisions of the warranty, show the warranty card and purchase bills(copy), and enjoy free maintenance service in a specific service center or the manufacturer.

2. The following will be the implementation of paid service:

- (1)Without the effective warranty card
- (2)There's blank, alter and no point-of-sale name
- (3)Fail caused by unresistance
- (4)Fail caused by transportation or unloading
- (5)Fail caused by not operate by manual
- (6)Fail caused by disassemble without unauthorized
- (7)Fail caused by using the unauthorized control system

Note:

Based on our company continue to improve the product, the statement containing data may have changed, and will not notice the change any more. Company retains its right to change specifications related when product is improved. Thanks for your understanding.