FotodioX®
www.fotodioxpro.com

FotodioX®
www.fotodioxpro.com

Warrior 600
600w Daylight LED Light

Warrior 600X
600w Bicolor LED Light

USER MANUAL

[Warrior 600/Warrior 600X]

Characteristics:

1.The Warrior 600/Warrior 600X feature high-power COB LEDs with a lifespan of up to 50,000 hours. These LEDs have a standardized color temperature with a CRI & TLCI ≥95 and feature less than 2% illumination decay less over 6000 hours working time.

2.Built-in NTC temperature detection to automatically control the fan and prevent overheating to ensure a long product life.

3.Dimmable from 0-100% and flicker-free due the PWM integrated design.

4.11 pre-installed special effect modes to help you create the perfect scene. Brightness and speed are adjustable in each mode. Color temperature is also adjustable on the Warrior 600X .

5.Optional battery power via v-lock battery mounts on control box.

6.Firmware upgrade via USB.

7.Available control options: control box, DMX console, remote control, or mobile phone APP.

8.Use any Bowens mount accessory, such as the Included custom designed standard reflector.

9.Solid aluminum shell provides durability and enhanced heat dissipation for a long product life.

10.360°adjustable, all metal U-bracket featuring disc brake locking function for safely mounting and achieving any angle needed.

11.LED heat prevention technology ensures that your light will emit steady and accurate light under varying conditions.

12.The LCD displays real-time data.

13.Suitable for indoor or outdoor photography and videography. Great for studio or location shoots including TV, film, portrait photography and more.

Warnings:

1.ALWAYS remove the protective cover before using your light.

2.ALWAYS press accessory lock button on the bottom of the light when removing accessories such as the standard reflector, barn doors or optional zoom lens. Failure to do so my damage your light.

3.During use, avoid dirt or debris from contacting the surface of the COB LED to prevent damage to the light.

4.HOT! DO NOT TOUCH ! Keep flammable substances at least 4 inches(100mm) away from the surface of the LED.

5.Do not block the heat dissipation vents on light body. Blocking these will inhibit airflow, causing the unit to overheat and stop working. This may shorten the lifespan of the light.

6.Do not operate with wet hands, doing so may cause electric shock.

7.Do not operate in environments near flammable gases or volatile liquids as this may increase the risk of explosion/fire.

8.Do not operate in enclosed spaces where heat buildup can be extreme, such as a car on a sunny day. The increased heat will trigger the auto heat protection function and affect use. Frequent overheating may cause premature failure of the light unit.

9.Do not damage, disassemble, twist or modify the power cord as it may increase the risk of fire or electric shock.

10.Do not place under heavy objects.

11.Keep the light surface clean with a soft, dry cloth. If build-up is noticeable, use isopropyl alcohol on a soft, clean cloth to gently remove debris. Ensure the LED is off and cool, then wipe gently WITHOUT pressing on the surface of the COB LED.

12.ONLY use the power control box provided with this product. Should you need a replacement, please contact us.

13.Avoid impact to the LCD screen; impact may damage it.

14.ALWAYS use the safety cable when hanging the fixture.

15.When using the accessories, please ensure that they are properly and securely installed. Improperly installed accessories may fall and become damaged.

Packing List:

Warrior 600/Warrior 600X

① 600/600X -1PC
② Protective cover -1PC
③ Standard reflector -1PC
④ Power control box -1PC
⑤ DMX cable -1PC
⑥ Connecting cable -1PC
⑦ AC Power cable -1PC
⑧ Safety cable -1PC
⑨ Instruction manual -1PC
⑩ Custom fit case -1PC

Optional accessories:

Deep Parabolic Softbox

Lantern Softbox

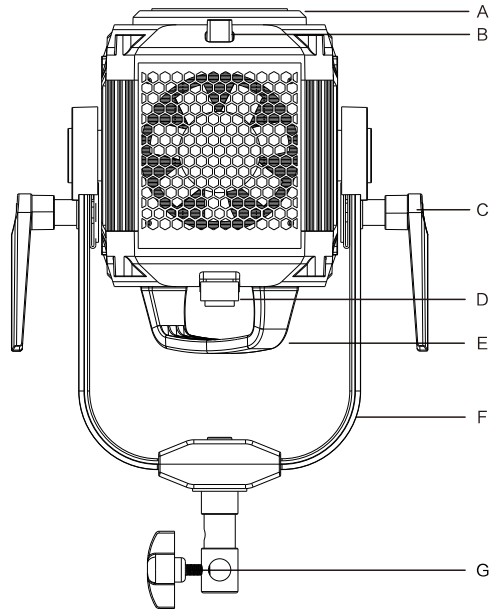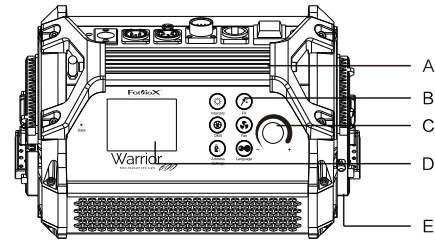Spotlight mount

Remote control

Parts Diagram(light) :
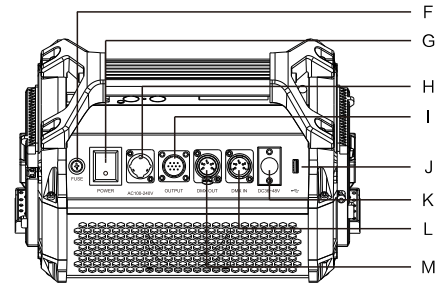
Parts Diagram(power control box):

A
B

C

D

E

F

G

Ⓐ Bowens mount

Ⓑ Bowens mount accessory lock button

Ⓒ Angle adjustment & locking handle

Ⓓ DC power input socket

Ⓔ Integrated carrying handle
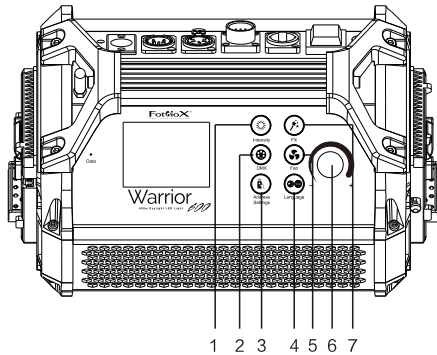
Ⓕ U-type bracket

Ⓖ Stand mount locking screw

A
B
C
D

E

F
G
H
I
J
K
L
M

Ⓐ Power control box handle

Ⓑ Menu buttons

Ⓒ Multi-function interface dial/button

Ⓓ LCD screen

Ⓔ V-lock battery plate

Ⓕ Fuse

Ⓖ Power button

Ⓗ AC Power input socket

Ⓘ DC output socket

Ⓙ USB port

Ⓚ DC input socket (DC36-48V)

Ⓛ DMX IN socket

Ⓜ DMX OUT socket

Menu Buttons:

① Intensity(brightness) button (Warrior 600)

CCT (Color temperature) button (Warrior 600X)

② DMX button

③ Address settings button

④ Language button

⑤ Fan button

⑥ Multi-function interface dial/button

⑦ FX (Special effect) button

1 2 3 4 5 6 7

Specifications:

Spec \ Model	Warrior 600	Warrior 600X
LED	600W COB	
Beam angle	120°	
CRI	Ra:96-98	
Color temperature	5600K ± 300K	2700K-6500K
TLCI	≥96	≥95
Power	600W	2700K:255W/3200K:317W/4400K:482W/5600K:336W/6500K:292W
Working voltage	AC100-240V,DC36-48V	
Cooling system	Heat pipe radiator , Temperature controlled fan	
Dimension (light body)	10.4 x 12.1x16.8" (263x307x426MM)	
Dimension (power control box)	12.8x 7.3 x8.3" (325x185x212MM)	
Weight	Light body: 12.1 lb (5.49kg), Power control box: 11 lb (5kg)	Light body: 12.1 lb (5.49kg), Power control box: 8.5 lb (3.85kg)
Included accessories	Standard reflector, Protective cover, Power cable, DMX cable, Connecting cable, Safety cable, Custom carrying case	
Optional accessories	Light modifiers with Bowens mount, Remote control	

Warrior 600 illuminance:

Distance	Light without reflector	Light with standard reflector
1M	21481 LUX	＞300000LUX
2M	5672 LUX	50545 LUX
5M	1124 LUX	6094 LUX
10M	317 LUX	1492 LUX

Warrior 600X illuminance without reflector :

Distance \ Color temperature Illuminance	2700K	3200K	4400K	5600K	6500K
1m	7162Lux	9103Lux	14005Lux	10729Lux	9077Lux
2m	1929Lux	2467Lux	3713Lux	2910Lux	2461Lux
5m	378Lux	485Lux	735Lux	568Lux	481Lux
10m	108Lux	137Lux	206Lux	162Lux	139Lux

Warrior 600X illuminance with standard reflector 15° :

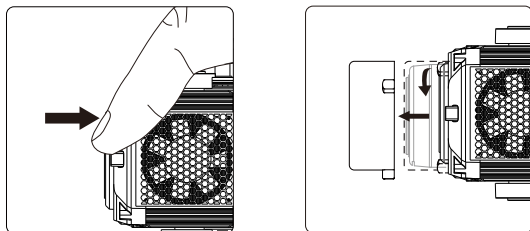| Distance \ Color temperature Illuminance	2700K	3200K	4400K	5600K	6500K
1m	110100Lux	143500Lux	204300Lux	172000Lux	133400Lux
2m	15754Lux	21256Lux	31444Lux	25475Lux	21204Lux
5m	1985Lux	2577Lux	3915Lux	3096Lux	2685Lux
10m	486Lux	623Lux	952Lux	756Lux	651Lux

Set up instructions:

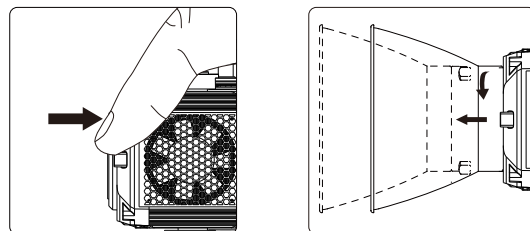1.Removal and installation of protective cover/Bowens mount accessories

To remove the protective cover: Press the Bowens mount accessory lock button in the direction of the arrow shown in the figure. While continuing to hold the lock button, turn the protective cover counterclockwise and pull out to remove.

To install the protective cover: Align the protective cover with the Bowens mount, insert and turn clockwise until cover securely clicks into place.

NOTE:ALWAYS remove the protective cover before using your light.

When the light is not in use, install the protective cover to protect the LED surface from dirt or debris.
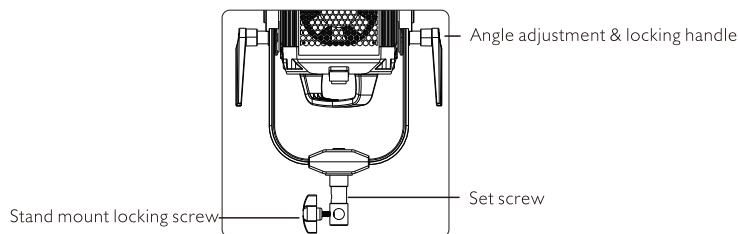

2.Installation and removal of the standard reflector.

3.How to set up the light

(1)To mount on light support or stud: Loosen the stand mount locking screw by turning counterclockwise. Place the mount on the light stand and secure the stand mount locking screw by turning clockwise. Please ensure the light stand is fully mounted onto the light support and the stand mount locking screw is securely fastened.
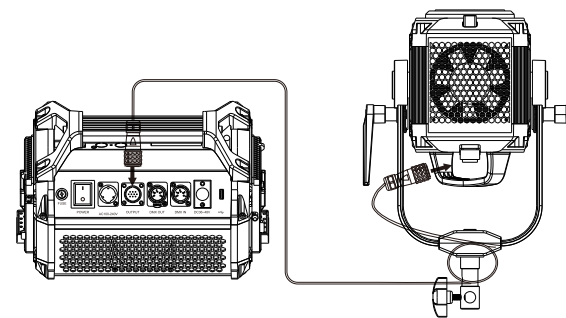
(2)When mounting to a 1 1/8" (junior) stud, it will be necessary to remove the set screw using an M4 hex wrench.

(3)Adjust the light to the desired angle by loosening the angle adjustment and locking handle by turning counterclockwise. Move the light to the desired position, then tighten the angle adjustment and locking handle by turning clockwise.
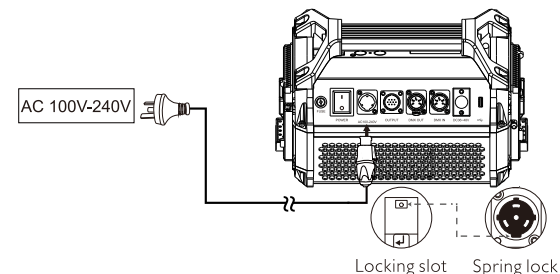

Angle adjustment & locking handle

Stand mount locking screw

Set screw

4.How to set up the power control box

(1)Use the connecting cable to connect the light body to the power control box, align the dots on the plug and socket, and then insert the plug to the socket. To unplug, pull up the collar of the connector to release the locking mechanism and disconnect it by pulling gently away from the device.
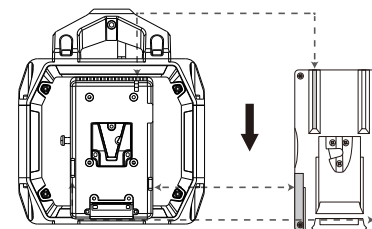

(2)Connect the AC power cable to the power control box via the AC power socket, align it with the locking slot as shown in the figure below, and then insert the power plug.

Connect the AC power cable to the external power supply(AC100-240V). To remove the AC power cable, press down the spring lock and turn counterclockwise, and gently pull away from the power control box to remove.

AC 100V-240V
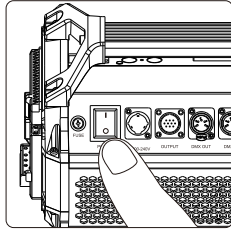
Locking slot   Spring lock

NOTE: Remove batteries when using external AC power. Leaving batteries installed may cause damage to the control box or batteries. ALWAYS remove batteries when the light is not in use for extended periods of time.

Operating instructions:
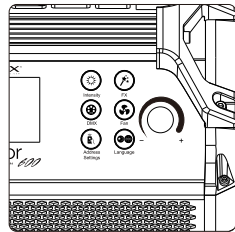
1.Press the power button to power the light ON or OFF.
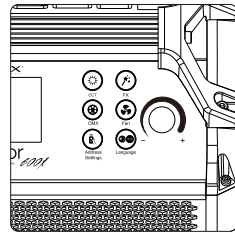

2.Control via power control box

(1)Menu buttons introduction

Warrior 600 menu buttons : Brightness button, FX button, Fan button, Address settings button, Language button and Multi-function interface dial/button.

Warrior 600X menu buttons: Color temperature button, FX button, Fan button, Address setting button, Language button and Multi-function interface dial/button.
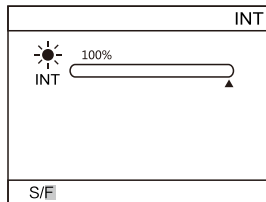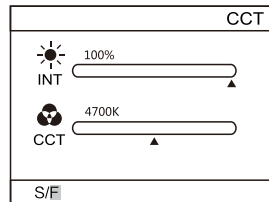

| Warrior 600 | Warrior 600X |

(2)Intensity (Brightness) and CCT(color temperature) button operation

Warrior 600: Press the intensity button, then turn the multi-function interface dial to increase or decrease the brightness of the light. Brightness is adjustable from 0-100%.

Warrior 600X: Press the CCT button, then press the multi-function interface button to switch between brightness and color temperature, turn the multi-function interface dial to adjust the brightness between 10-100%, and the color temperature between 2700K-6500K.

INT — 100% — INT — S/F — Warrior 600
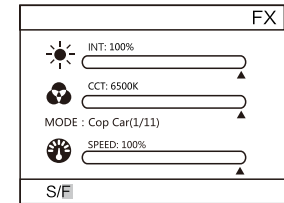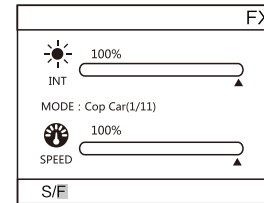
CCT — 100% INT — 4700K CCT — S/F — Warrior 600X

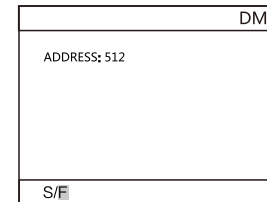(3)FX button (Special effect button)

Warrior 600: Press the FX button, then press the multi-function interface button to switch between INT(brightness), mode and speed. Turn the multi-functional interface dial to control the brightness 0-100% , special effect and speed. The special effect mode includes lightning, fireworks,flash, breath, cop car, SOS, fault bulb, turn signal, tracing, screen, H&L beam.

Warrior 600X: Press the FX button, then press the multi-function interface button to switch between brightness, color temperature, mode and speed 0-100%.Turn the multi-functional interface dial to control the brightness 0-100% , color temperature 2700K-6500K, special effect and speed 0-100%. The special effect mode includes lightning, fireworks,flash, breath, cop car, SOS, fault bulb, turn signal, tracing, screen, H&L beam.

FX — 100% INT — MODE : Cop Car(1/11) — 100% SPEED — S/F

FX — INT: 100% — CCT: 6500K — MODE : Cop Car(1/11) — SPEED: 100% — S/F
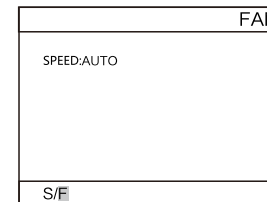
(4)DMX button

Press the DMX button, turn the multi-function interface dial to change the address of the fixture. DMX address range is 1-512.

DMX — ADDRESS: 512 — S/F

(5)Fan button

Press the fan button, turn the multi-function interface dial to change the speed of the fan between low, medium, high and auto.

FAN — SPEED:AUTO — S/F

(6) Address Settings button
Press the Address Settings button, turn the multi-function interface dial to change APP/remote address between 1-12.

APP/RMT

ADDRESS: 12

Android   IOS

S/F

(7)Language button
Press language button, turn the multi-function interface dial to switch system language between English and Chinese.

Lang

语言/Lang：ENGLISH

S/F

(8)Fast and slow adjustments
Press the multi-function interface button for 5 seconds or longer to switch between fast and slow adjustments. The indicator at the bottom of the LCD will change between fast and slow to indicate which adjustment mode is active.

3.Use of Lishuai mobile phone APP
Please search "Lishuai " on the App store, or you can scan the below QR codes to download the APP for the Android and IOS mobile phone.
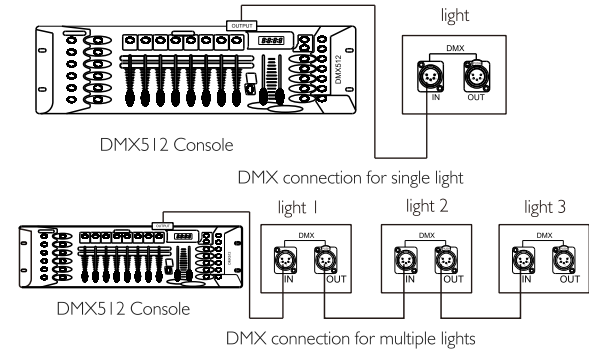
Android   IOS

4.DMX connection
When using DMX function, connect the DMX cable to the DMX console (see the figure below). Set the DMX address to desired address for control on the DMX console.
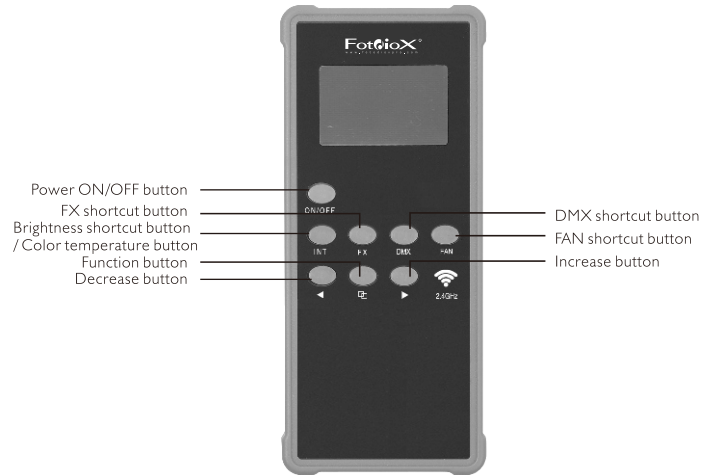
light

DMX512 Console

DMX connection for single light

light 1   light 2   light 3

DMX512 Console

DMX connection for multiple lights

5.DMX control:

Please see below details of DMX address on LCD and corresponding channels on DMX console.
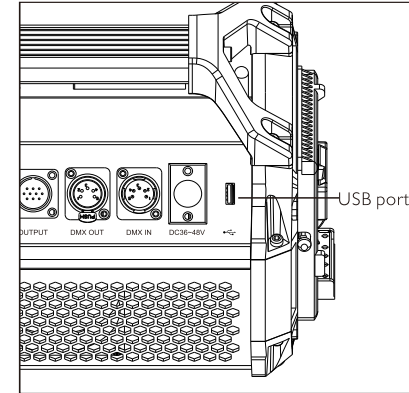
LCD display address	DMX console channels (single color temperature)	DMX console channels (Bi-color temperature)
1	1-1(Brightness)	1-1(brightness),1-2(color temperature)
2	1-2(Brightness)	1-2(brightness),1-3(color temperature)
......	......	......
16	1-16(Brightness)	1-16(brightness),2-1(color temperature)
17	2-1(Brightness)	2-1(brightness),2-2(color temperature)
......	......	......
511	32-15(Brightness)	32-15(brightness),32-16(color temperature)
512	32-16(Brightness)	

6.Remote control operating instructions:

Power ON/OFF button
FX shortcut button
Brightness shortcut button
/ Color temperature button
Function button
Decrease button

DMX shortcut button
FAN shortcut button
Increase button

(1) Set the wireless receiving address of the light by following the instructions for APP/remote Address mode.
The address can be set from 1-12.
(2) Press the Function button to select the first line on the LCD. Move the cursor to the Address setting.
Use the Increase button or Decrease button to set the address between 1-12.
(3) Ensure that the APP/Remote Address setting on the light and the Address setting on the remote control
are the same. The light/lights with the same address setting can now be controlled normally with the remote
control.
(4) When pressing the Function button, the first line on the LCD is selected. Switch between INT(brightness),
 FX, DMX setting, Fan, APP/Remote and Lang.(language) modes by using the Increase/Decrease buttons to
change the corresponding data.
(5) The wireless remote control has a working distance of approximately 65 feet (20 meters)

7.USB port operation:

USB port

When the device requires a software upgrade, the upgrade can be
applied by connecting a USB flash drive through the USB port.
Software upgrades can be found on www.fotodioxpro.com

Upgrade Operation:
(1) Download the updates from www.fotodioxpro.com and save to USB flash drive.
(2) Remove the dustproof plug from the USB port and insert the USB flash drive loaded with
the upgrade program.
(3) Press the Power ON/OFF button to turn the power ON. The DATA indicator light will flash.
(4) The upgrade will take approximately 10 seconds. The upgrade is complete when DATA
indicator stops flashing and the Welcome message displays on the LCD.
(5) When the upgrade is complete, remove the USB flash drive and replace the dustproof plug.

All Fotodiox products are backed a 24-month limited warranty.