



FotodioX Inc.

1100 Lakeside Dr Gurnee, IL60031, United States

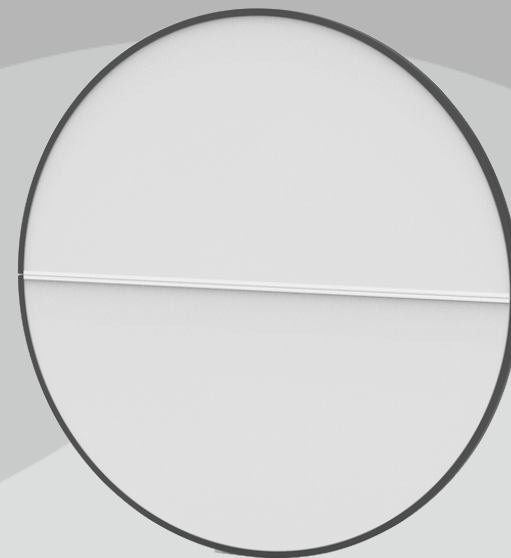
Toll Free:(866)812-1107

Local & International: (847)201-4623

Fax: (847) 261-0295

[Http://www.fotodioXpro.com](http://www.fotodioXpro.com)

FotodioX[®]
F O T O D I O X



SkyFiller
Wings

SFW-1500RS | SFW-1500RS RGB

USER MANUAL

SkyFiller Wings SFW-1500rs

Introduction

Thank you for choosing the Skyfiller Wings lighting series from Fotodiox Pro. The SkyFiller Wings SFW-1500rs is lightweight, durable and easy to transport due to the use of PC hollow core material. The SFW-1500rs features an adjustable color temperature range of 2800K to 6500K, a unique foldable design convenient for transportation and a metal heat sync to improve heat dissipation to ensure a long product life.

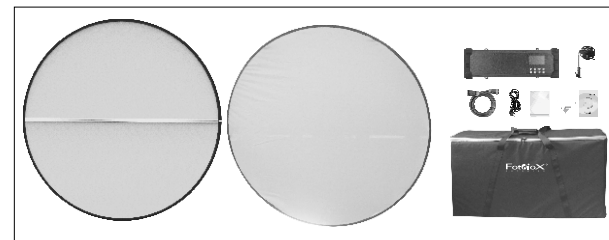
Characteristics

1. Composed of multiple ultra bright chip LEDs with a lifespan of up to 50,000 hours. These LEDs have a standardized color temperature with a CRI and TLCI of 96 or above.
2. This easy to carry, foldable light is made of PC hollow material with a metal heat sink. It is designed with a metal edge for enhanced durability.
3. The power control box can be connected to battery power* for easy use on location.
*Batteries sold separately.
4. The LCD screen displays real-time data for color temperature and brightness.
5. The solid metal ball head bracket allows the light to be securely mounted and easily adjusted.
6. Provides stable, consistent output while remaining heat free.
7. Flicker-free and uniformly dimmable from 10% to 100% due to the PWM integrated design.
8. Color temperature is adjustable from 2800K to 6500K.
9. Suitable for indoor and outdoor photography and videography. Great for studio or location shoots including TV, film, portrait photography, etc.

Warnings:

1. Do not disassemble or modify the light.
2. Do not operate with wet hands; doing so may cause electric shock.
3. Do not operate near flammable gasses or volatile liquids as this may increase the risk of explosion or fire.
4. Do not operate in enclosed spaces where heat buildup can be extreme, such as in a car on a sunny day. The increased heat may cause premature failure of the lighting unit.
5. Do not touch the plug or AC adapter with wet hands, doing so may cause electric shock.
6. Do not damage, disassemble, tweak or twist the power cord, as it may cause a fire or electric shock.
7. Do not place the light under heavy objects.
8. Keep the light clean with a soft, dry cloth.
9. ONLY use the provided power control box. Using other power control boxes may result in damage to your light.
Please contact techsupport@fotodiox.com should you need a replacement.
10. Avoid impact to the LCD screen; impact to the LDC may cause damage.
11. Avoid dust and debris build-up on the light surface as this will change the illuminance and color temperature.
12. When hanging the product, always use a safety cable.
13. Do not block or cover the air inlet/outlet.

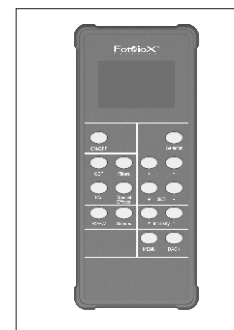
Packing list:



SFW-1500rs

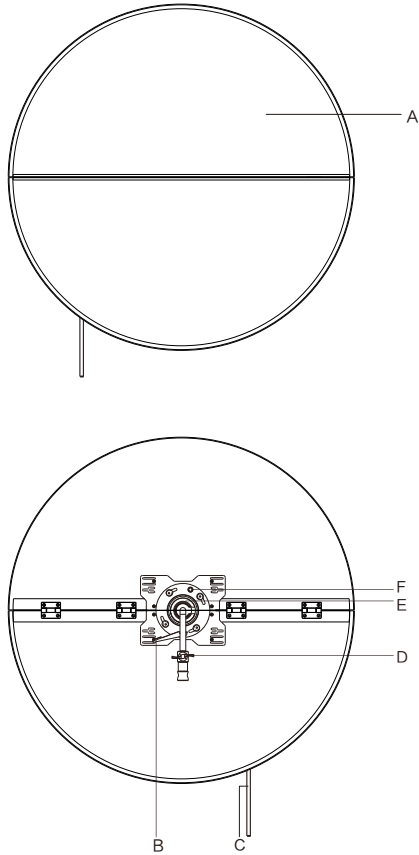
- | | | |
|--------------------------|--|---------------------------------|
| ① Light-IPC | ② Softbox-IPC | ③ Power control box-IPC |
| ④ Ball head bracket-IPC | ⑤ DC power cable (control box to light unit)-IPC | |
| ⑥ AC power cable-IPC | ⑦ Warranty card-IPC | ⑧ Certificate of inspection-IPC |
| ⑨ Instruction manual-IPC | ⑩ Carrying case-IPC | |

Optional accessory



Remote control

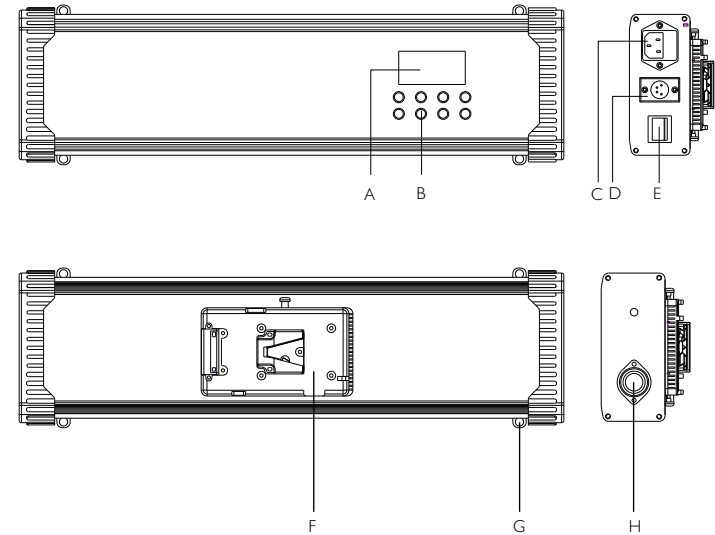
Parts diagram:



SFW-1500rs

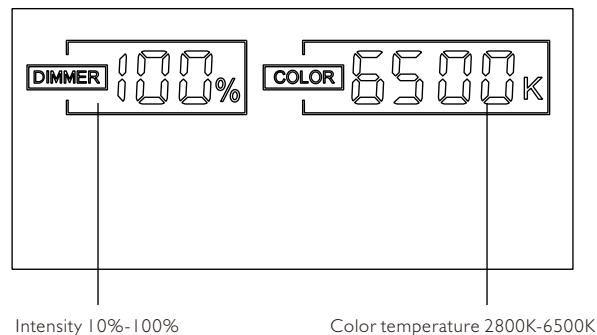
- Ⓐ Front diffuser panel
- Ⓑ Ball head locking screw
- Ⓒ DC input cable
- Ⓓ Stand mount locking screw
- Ⓔ Metal mounting plate/ball head bracket (detachable)
- Ⓕ Mounting plate lock pin

SFW-1500rs Power control box:



- Ⓐ LCD screen Ⓑ Operation buttons Ⓒ AC power input socket
- Ⓓ 4-pin XLR socket (DC input) Ⓔ Power switch
- Ⓕ V-lock plate Ⓖ Strap/safety cable mounting point Ⓗ DC output socket (to light unit)

LCD display:



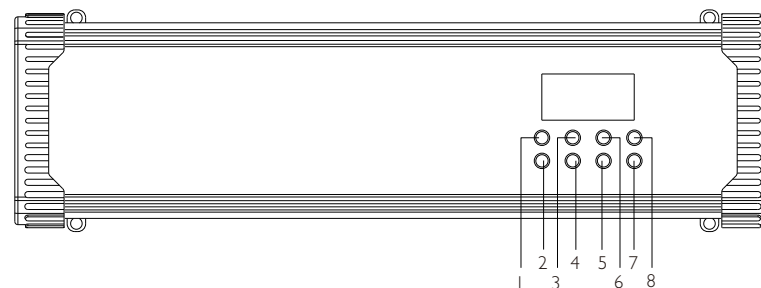
Specifications:

MODEL	SFW-1500rs
SIZE	
LED	2044pcs of ultra bright chip LEDs
Brightness	2800K: 6680Lux/1m, 2080Lux/2m
	6500K: 6720Lux/1m, 2120Lux/2m
Beam angle	120°
Color temperature	2800 ± 150K ~ 6500 ± 200K
CRI	Ra: 96-98
TLCI	≥96
Power	260W
Working voltage	AC100-240V, DC24-30V
Dimension for unfolded light body	Φ 35.4x12in (Φ 90x30cm)
Dimension for folded light body	35.4x18.1x1.9in (90x46x4.8cm)
Dimension for power control box	5.6x18.9x3.3in (14.2x48x8.3cm)
Weight for light body	13.7lbs (6.2kg)
Weight for power control box	7.9lbs (3.6kg)
Accessories	Softbox, Power control box, Ball head bracket, DC power cable, AC power cable, Carrying case
Optional accessories	Remote control

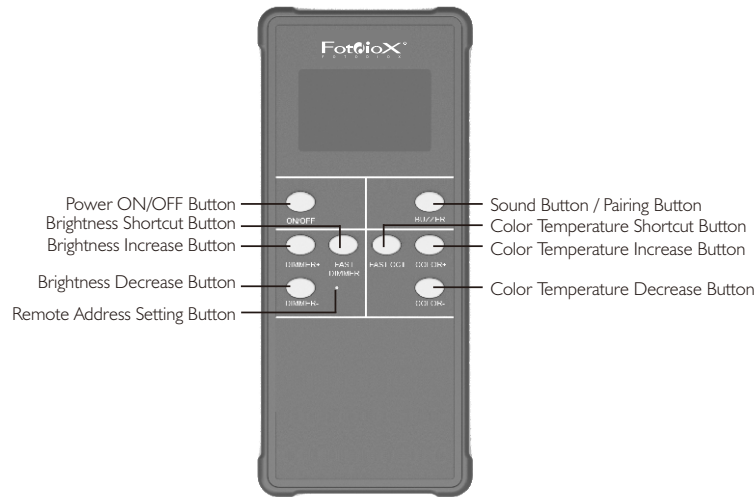
Instructions for operation buttons on power control box:

1. Sound button: Press once to turn sound on, press again to turn sound off.
2. Brightness shortcut button: Each time the button is pressed, it is cyclically switched between 25%, 50%, 75% and 100% of intensity.
3. Brightness increase button: Each time you press the button, the brightness is increased by 1%. To increase Intensity rapidly, press and hold the button.
4. Brightness decrease button: Each time you press the button, the brightness is decreased by 1%. To decrease intensity rapidly, press and hold the button.
5. Color temperature decrease button: Each time the button is pressed, the color temperature is decreased by 100K, down to 2800K. To rapidly decrease the color temperature, press and hold the button.
6. Color temperature increase button: Each time the button is pressed, the color temperature is increased by 100K, up to 6500K. To rapidly increase the color temperature, press and hold the button.
7. Color temperature shortcut button: Each time the button is pressed, the color temperature is cyclically switched between 2800K, 3200K, 5600K and 6500K.
8. Power ON/OFF button: Press the button once to turn the light on; press again to turn it off.
9. Special effects: Press and hold the Sound button for more than 3 seconds to enter the special effect mode. At this time, one of the F1-F5 modes will be displayed below the LCD display. Press the Brightness "Increase" or "Decrease" buttons to shift between the five modes. Press and hold the Sound button for more than 3 seconds to exit the special effect mode.

Note: F1-Lightning mode, F2-Fireworks mode, F3-Storm mode, F4-Gradient mode, F5-Flash mode



Instructions for operation buttons on remote control:

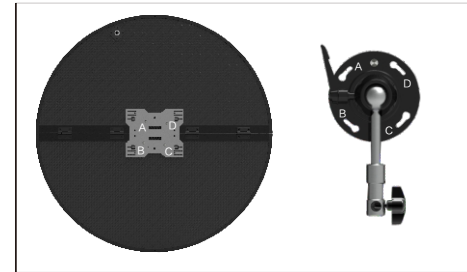


1. To pair the remote control and light: press and hold the Pairing Button for more than 5 seconds, until buzzer sounds.
2. Turn on the light or lights you wish to pair with the remote control, and pair. Don't turn on those lights you don't wish to pair.
3. The remote control and light unit packed in each box are factory paired. The remote control can be paired to another light or multiple units by following the pairing instructions.
4. The remote control working distance is 20m.

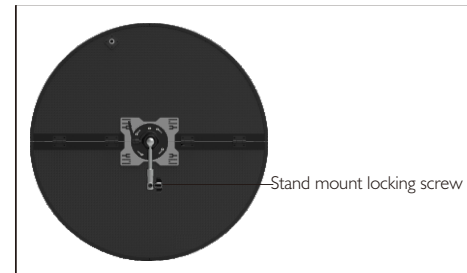
Operating instructions:

I. Set-up instructions:

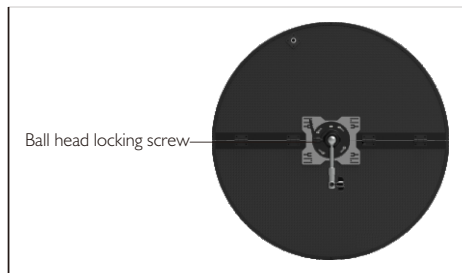
- (1) Align the four holes (A, B, C, D) on the back of metal mounting plate to the corresponding four posts (A, B, C, D) on the fixing plate on the back of light. Push in and turn the metal mounting plate/ball head bracket counterclockwise until you hear a "click." The metal mounting plate/ball head bracket is now secured to the light body. To remove the metal mounting plate/ball head bracket, just pull out mounting plate lock pin and rotate the metal mounting plate/ball head bracket clockwise.



- (2) Loosen the stand mount locking screw by turning counterclockwise. Place the mount on the light stand and secure the screw by turning clockwise. Please ensure the light stand stud is fully inserted into the mounting plate and the screw is securely fastened.



- (3) Turn the ball head locking screw counterclockwise to loosen the ball head. Adjust to the desired position and turn the ball head locking screw clockwise to secure in position.



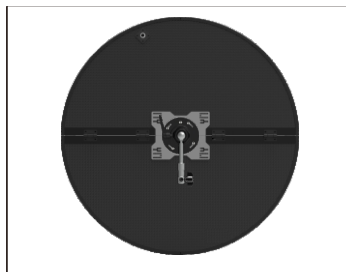
2. Connecting the power supply

- (1) Use the DC power cable to connect the light unit to the power control box.
- (2) Use the power cord to connect the power control box to external AC power (AC100-240V).

Warnings:

Do not use battery while the light is running on AC power, doing so may cause damage to the battery or light.

Do not store the light with the battery attached, doing so may reduce battery life.



SkyFiller Wings

SFW-1500rsRGB

The SFW-1500rsRGB is a full-color LED light, providing soft, clean light. It is lightweight, durable and easy to transport due to the use of PC hollow core material. The RGBWT LED design provides access to the full 360° HSI color selection, white light is adjustable from 2800K to 10000K with adjustable green / magenta points.

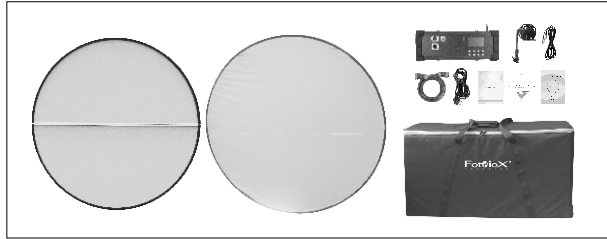
Characteristics:

1. Standardized color temperature with a CRI 93-98 and TLCI 95-97.
2. 0-360° HSI color selection (RGB+WT color gamut).
3. Multiple pre-programmed scenes and effects.
4. Flicker-free and uniformly dimmable from 10% to 100%.
5. Color temperature is adjustable from 2800K to 10000K.
6. This easy to carry, foldable light is made of PC hollow material with a metal heat sink. It is designed with a metal edge for enhanced durability.
7. The solid metal ball head bracket allows the light to be securely mounted and easily adjusted.
8. USB for future firmware updates and feature additions.
9. Easy to use softbox featuring a snap-on design.
10. Provides stable, consistent output while remaining heat free.
11. DMX512 compatible
12. Mobile APP is available to adjust various parameters of the light.
13. Suitable for indoor and outdoor photography and videography. Great for studio or location shoots including TV, film, portrait photography, etc.

Warnings:

1. Do not disassemble or modify the light.
2. Do not operate with wet hands; doing so may cause electric shock.
3. Do not operate near flammable gasses or volatile liquids as this may increase the risk of explosion or fire.
4. Do not operate in enclosed spaces where heat buildup can be extreme, such as in a car on a sunny day.
The increased heat may cause premature failure of the lighting unit.
5. Do not touch the plug or AC adapter with wet hands, doing so may cause electric shock.
6. Do not damage, disassemble, tweak or twist the power cord, as it may cause a fire or electric shock.
7. Do not place the light under heavy objects.
8. Keep the light clean with a soft, dry cloth.
9. ONLY use the provided power control box. Using other power control boxes may result in damage to your light. Please contact techsupport@fotodiox.com should you need a replacement.
10. Avoid impact to the LCD screen; impact to the LDC may cause damage.
11. Avoid dust and debris build-up on the light surface as this will change the illuminance and color temperature.
12. When hanging the product, always using a safety cable.
13. Do not block or cover the air inlet/outlet.

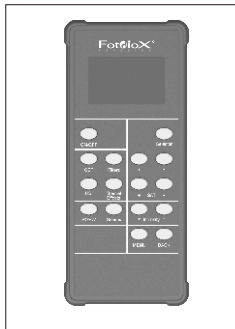
Packing list:



SFW-I500rsRGB

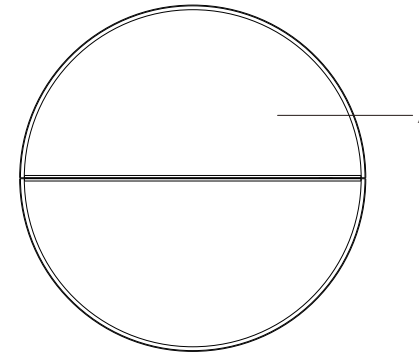
- ① Light unit-IPC ② Softbox-IPC ③ Power control box-IPC
- ④ Ball head bracket-IPC ⑤ DMX cable-IPC
- ⑥ DC power cable (control box to light unit)-IPC ⑦ AC power cable-IPC
- ⑧ Warranty card-IPC ⑨ Certificate of inspection-IPC ⑩ Instruction manual-IPC
- ⑪ Carrying case - IPC

Optional accessory



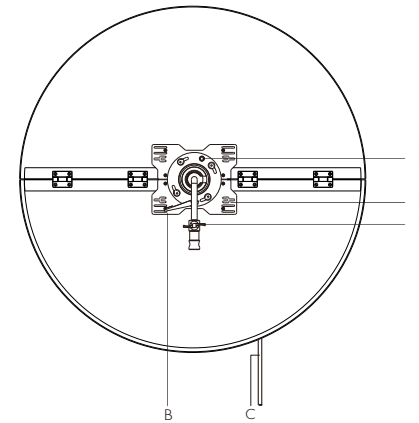
Remote control

Parts diagram:

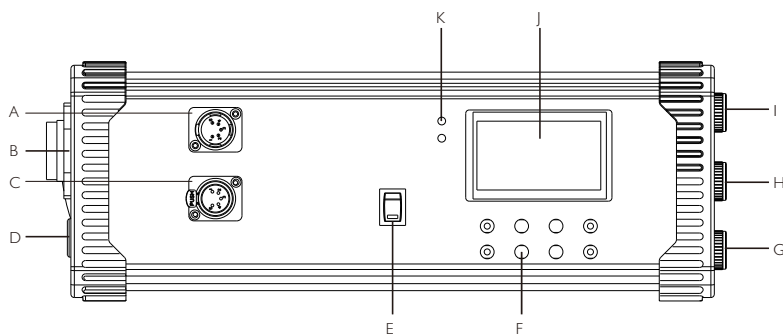


SFW-I500rsRGB

- Ⓐ Front diffuser panel
- Ⓑ Ball head locking screw
- Ⓒ DC input cable
- Ⓓ Stand mount locking screw
- Ⓔ Metal mounting plate/ball head bracket (detachable)
- Ⓕ Mounting plate lock pin



SFW-1500rsRGB Power control box:



- (A) DMX input (B) DC output socket (to light unit)
- (C) DMX output (D) 4-pin XLR socket (DC input) (E) Power switch
- (F) Operations Buttons (CCT, HSI, RGBWT, MENU, Filters, FX, Scenes, BACK)
- (G) Knob 1 - Intensity (H) Knob 2 - Saturation (I) Knob 3-Selector (with touch button functionality)
- (J) LCD screen (K) Indicator lights (2 indicators)

Specifications:

NO.	Name	SFW-1500rsRGB
1	Optical system	Diffusion panel
2	Light emission surface	Φ 35.4in (Φ 90cm)
3	Beam angle	120°
4	Color Full	Full RGB+WT spectrum with hue saturation control
5	Intensity / Brightness	Continuously adjustable 0-100%
6	White light	Adjustable 2800-10000K
7	CRI	93-98
8	TLCI	95-97
9	Color temperature error	± 200K
10	Remote control	DMX 512, Remote control, Mobile APP
11	Power input	AC100-240V, 50/60Hz, DC13-24V
12	Power output	260W
13	Working temperature	-4-113°F (-20-45°C)
14	Protection	IP20
15	LED lifetime	50,000 hours
16	Dimension for unfolded light body	Φ 35.4x12in (Φ 90x30cm)
17	Dimension for folded light body	35.4x18.1x1.9in (90x46x4.8cm)
18	Dimension for power control box	5.6x14.9x4.2in (14.2x38x10.6cm)
19	Weight for light body	14.5lbs (6.585kg)
20	Weight for power control box	7.8lbs (3.52kg)
21	Accessories	Softbox, Power control box, Ball head bracket, DC power cable (control box to light unit), Power cable, DMX cable, Carrying case
22	Optional accessories	Remote control

SFW-1500rsRGB illuminance:

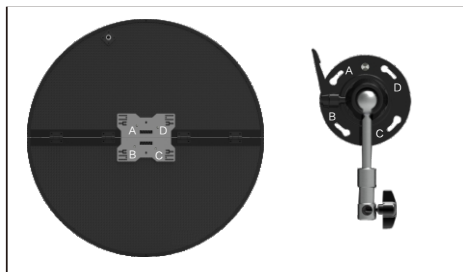
Distance	Color temperature	2800K	3200K	5600K	10000K
	illuminance				
0.5m		12250Lux	13100Lux	15100Lux	14000Lux
1m		4720Lux	5060Lux	5710Lux	5270Lux
2m		1460Lux	1570Lux	1800Lux	1640Lux
5m		295Lux	310Lux	365Lux	335Lux

Distance	Color	Red	Green	Blue	White	Tungsten
	illuminance					
0.5m		3310Lux	8960Lux	1440Lux	12430Lux	14590Lux
1m		1230Lux	3340Lux	530Lux	4790Lux	5490Lux
2m		380Lux	1050Lux	150Lux	1500Lux	1710Lux
5m		79Lux	210Lux	35Lux	305Lux	340Lux

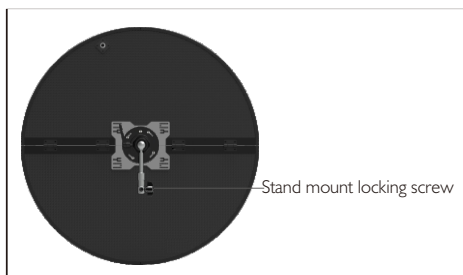
Operating instructions:

I. Set-up instructions:

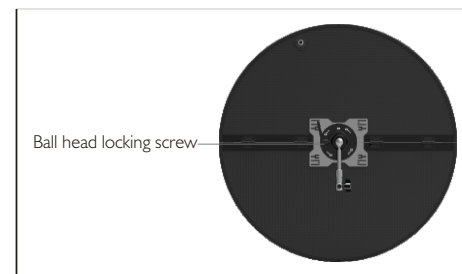
- (1) Align the four holes (A, B, C, D) on the back of metal mounting plate to the corresponding four posts (A, B, C, D) on the fixing plate on the back of light. Push in and turn the metal mounting plate/ball head bracket counterclockwise until you hear a "click." The metal mounting plate/ball head bracket is now secured to the light body. To remove the metal mounting plate/ball head bracket, just pull out mounting plate lock pin and rotate the metal mounting plate/ball head bracket clockwise.



- (2) Loosen the stand mount locking screw by turning counterclockwise. Place the mount on the light stand and secure the screw by turning clockwise. Please ensure the light stand stud is fully inserted into the mounting plate and the screw is securely fastened.



- (3) Turn the ball head locking screw counterclockwise to loosen the ball head. Adjust to the desired position and turn the ball head locking screw clockwise to secure in position.



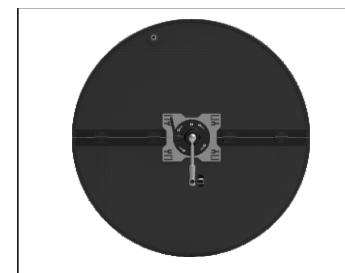
2. Connecting the power supply

SFW-I 500SRGB

- (1) Use the DC power cable to connect the light unit to the power control box.
- (2) Use the power cord to connect the power control box to external AC power (AC 100-240V).

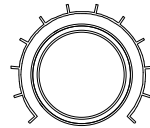
Warnings:

Do not use battery while the light is running on AC power, doing so may cause damage to the battery or light. Do not store the light with the battery attached, doing so may reduce battery life.



Functions of the control knobs:

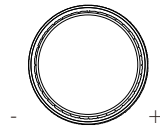
1. Selector Knob:



Selector Knob

Rotate the selector knob to select the desired mode in the menu, press once to select. In certain modes, parameters such as CCT, CMB, SPD, and Frq may be adjusted using this knob. In HSI, CCT, RGBWT mode, press the knob for several seconds to save the current settings.

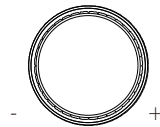
2. Saturation Knob:



SAT 0-100%

In the HSI mode, SAT can be adjusted 0-100%. In other modes, parameters such as SAT, CMB, Col, may be adjusted using this knob.

3. Intensity knob:



Brightness 0-100%

Adjusts brightness 0-100% in any mode.

1. LCD display screen and menu instructions:

(Boot display Welcome message.)

FOTODIOX
WELCOME TO USE



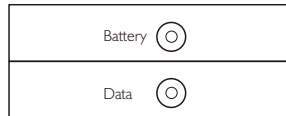
Main menu

MENU
1.CCT
2.HSI
3.RGBWT
4.Filters
5.FX
6.Scenes
7.Lang
8.DMX Settings
9.RMT Settings

Operating Instructions:

1. Use the Selector knob to highlight the desired sub-menu option, press the knob once to select.
2. In the main menu, you may also press the operation shortcut buttons to enter a menu option directly. There are nine modes: CCT, HSI, RGBWT, Filters, FX, Scenes, Language, DMX channel setting and Remote control channel setting.
3. From any of the menus, press the BACK button to return to the previous menu. You may also enter the main menu using the MENU button.

Indicator function description:



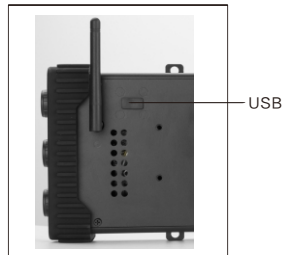
1. Battery indicator

When the battery indicator light is on: the V-lock battery is being used to power the light.
 When the battery indicator light flashes: the V-lock battery is running low.
 When the battery indicator light is off: the AC power adapter is being used to power the light.
 Note: when the battery is used to power the light, the max output power is reduced to 80%.

2. Data indicator

When the data indicator is on: the DMX512 remote control function is being used.
 When the data indicator flashes: the USB port is being used for data upgrade.
 The data indicator flashes once each time the light receives an effective remote control signal.

3. USB port operation:



When the device requires a software upgrade, you can connect a USB flash drive through the USB port.
 (Upgrade software can be downloaded from www.fotodioopro.com)

Operation:

- (1) Download the updates to an USB flash drive from www.fotodioopro.com
- (2) Remove the dustproof plug from the USB port and insert the USB flash drive with the upgrade program.
- (3) Power on; the DATA indicator light will flash. The upgrade is complete when the "Welcome" message appears in the LCD display.
- (4) It takes about 15 seconds to finish upgrading. After the upgrade is complete, remove the USB flash drive and replace the dustproof plug.

[Menu function instructions:]

1. CCT (color temperature)

M1, M2, M3, M4, M5-----switch data back and forth with the "Select" knob
 CCT (color temp.): 2800-10000 K -----adjust using the "selector" knob
 GN:- I/+ I -----adjust using the "saturation" knob
 INT (intensity): 0-100% ---- adjust using the "intensity" knob

2. HSI

R+G+B, R+G, R+B, G+B -----switch back and forth with the "Selector" knob
 HUE: 0-360 ° -----adjust using the "Selector" knob
 SAT (saturation): 0-100% -----adjust using the "Saturation" knob
 INT (intensity): 0-100% ----- adjust using the "Intensity" knob

3. RGBWT

*Mode ONE [M1 M2 M3 M4 M5]
 RGBWT selection -----adjust using the "Selector" knob
 Red: 0-100% -----adjust using the "Intensity" knob
 Green: 0-100% -----adjust using the "Intensity" knob
 Blue: 0-100% -----adjust using the "Intensity" knob
 White: 0-100% -----adjust using the "Intensity" knob
 Tungsten: 0-100% -----adjust using the "Intensity" knob

4. FX

Use the selector knob to highlight the desired effect. Push the knob once to enter. Use the selector, saturation and intensity knobs to adjust the parameters.

*OFF

*Party effect

-----SPD (speed): 0-100% SAT: 0-100% INT: 0-100%

*Candle

-----SPD: 0-100% COL: warm / warm white / white INT: 0-100%

*Clouds

-----SPD: 0-100% INT: 0-100%

*Club lights

-----SPD: 0-100% COL: 03-24 INT: 0-100%

*Color chase

-----SPD: 0-100% SAT: 0-100% INT: 0-100%

*Cop car

-----COL: R+B+W / B+W / R+B / B INT: 0-100%

*Fire

-----SPD: 0-100% INT: 0-100%

*Fireworks

-----FRQ(frequency): 0-100% COL: COLOR / WHITE / C+W INT: 0-100%

*Lightning

-----SPD: 0-100% INT: 0-100%

5.Filters

Filter comparison table

FOTODIOX No.	Rosco	Description	FOTODIOX No.	Rosco	Description
0328	R3202	CTB	9203	4307	07 CYAN
1228	R3203	3/4 CTB	2219	4315	15 CYAN
1218	R3204	1/2 CTB	2418	4330	30 CYAN
2218	R3206	1/3 CTB	0828	4360	60 CYAN
2118	R3208	1/4 CTB	0925	4390	90 CYAN
2108	R3216	1/8 CTB	2209	4415	15 GREEN
0586	R3220	2X CTB	6506	4430	30 GREEN
9101	R3407	CTO	9701	4460	60 GREEN
9103	R3411	3/4 CTO	9901	4490	90 GREEN
6106	R3408	1/2 CTO	4208	4515	15 YELLOW
3108	R3409	1/4 CTO	9304	4530	30 YELLOW
3109	R3410	1/8 CTO	9301	4560	60 YELLOW
9100	3420	2X CTO	9300	4590	90 YELLOW
9201	3441	CTS	3009	4615	15 RED
9206	3442	1/2 CTS	9008	4630	30 RED
3208	3443	1/4 CTS	9002	4660	60 RED
4108	3444	1/8 CTS	9000	4690	90 RED
6408	3304	GREEN	3007	4715	15 MAGENTA
2208	3315	1/2 GREEN	7018	4730	30 MAGENTA
2109	3316	1/4 GREEN	9013	4760	60 MAGENTA
2106	3317	1/8 GREEN	9012	4790	90 MAGENTA
4009	3308	MAGENTA	3006	4815	15 PINK
3008	3309	3/4 MAGENTA	8008	4830	30 PINK
4008	3313	1/2 MAGENTA	9003	4860	60 PINK
3118	3314	1/4 MAGENTA	9001	4890	90 PINK
2107	3318	1/8 MAGENTA			
9102	3310				

6.Scenes

Use the selector knob to highlight the desired mode. Push the knob once to enter. Use the selector, saturation and intensity knobs to adjust the parameters.

----- (CCT mode) CCT: 2800-10000 K INT: 0-100%

GN: -1 / +1

*Mode TWO G+B, R+G+B, R+G, R+B

----- (HSI mode) HUE: 0-360° , SAT: 0-100% INT: 0-100%

*Mode THREE

----- (RGBWT mode) Red: 0-100% Green: 0-100% Blu: 0-100% W: 0-100% T: 0-100%

7.[Lang] (language)

Use the selector knob to highlight the desired language. Push the knob once to select.

*English

*Chinese

8.DMX settings

Adjust the DMX address using the selector knob, push the knob to select the address.

DMX Address: 001-512

9.RMT settings (remote control settings)

Remote control operating instructions:

1. On the light, go to menu and enter RMT settings. Set the desired wireless receiving address from 0-511.
 2. On the remote control, go to menu and enter RMT settings. Set the desired wireless receiving address from 0-511.
 3. Make sure the wireless receiving address on the light matches the light receiving address on the remote control.
The remote control can control multiple lights at the same time.
 4. The wireless remote control has a working distance of approximately 65 feet (20 meters).
- Note: After setting the wireless receiving address in the RMT settings on the light, you cannot change the address through the remote control. You can only manually adjust it through the RMT settings on the light.

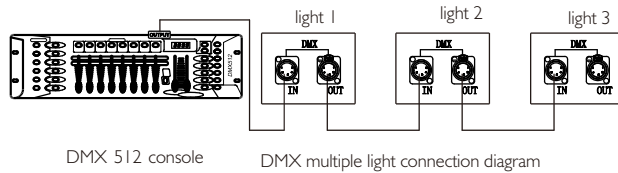
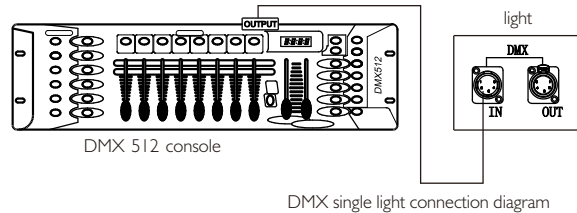
10.Factory reset

To restore the light or remote control to factory settings:

Press and hold the MENU button on the light or on the remote control for more than 4 seconds in the main menu on the light, the entire device will reset, and the data will be restored to the factory setting state.

11.DMX connection

When operating DMX, connect the DMX cable to the console (the specific wiring is shown in the diagram below), then set the DMX address to match the console address.



12.DMX control: First, the menu needs to be switched to the DMX control interface.

Note: Seven channels are required for proper DMX control over all parameters.

8 Bit
10 Channels

For example:

In DMX address setting 1, 1-1 is brightness control, 1-2 is color temperature control, 1-3 is red and green deviation control, 1-4 is saturation control, 1-5 is monochrome red control, 1-6 is monochrome green control, and 1-7 is monochrome blue control.

DMX address comparison table:

LCD display address	DMX console channels
1	1-1(brightness)1-2(color temperature)1-3(red/green deviation)1-4(sat) 1-5(red) 1-6(green) 1-7(blue)
2	12(brightness) 1-3(color temperature)1-4(red/green deviation) 1-5(sat)1-6(red) 1-7(green) 1-8(blue)
.....	
16	1-16(brightness) 2-1(color temperature) 2-2(red/green deviation) 2-3(sat) 2-4(red) 2-5(green) 2-6(blue)
17	2-1(brightness) 2-2(color temperature) 2-3(red/green deviation) 2-4(sat) 2-5(red) 2-6(green) 2-7(blue)
.....	
506	32-10(brightness) 32-11(color temperature) 32-12(red/green deviation) 32-13(saturation) 32-14(red) 32-15(green)32-16(blue)
507-512	

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