Fotodiox®
www.fotodioxpro.com

P60 | *P120*

User Manual
LED panel light

I.Introduction

Thank you for choosing the P60/P120 LED panel from Fotodiox.
1. High-power LED light source with accurate color temperature, CRI/TLCI ≥ 95 and a working life of more than 50,000 hours.
2. Built-in diffusion technology provides soft, clean light.
3. Designed with an all-aluminum frame for durability and enhanced heat dissipation to help ensure a long product life.
4. Integrated V-lock battery plate for battery power on the go (batteries sold separately).
5. The LCD displays real-time data.
6. Sturdy, all metal yoke allows for mounting on stands or hang in any suitable location.
7. Low heat LED technology provides stable, consistent, and accurate lighting under varying conditions.
8. Flicker-free and uniformly dimmable from 0%-100% due to the PWM integrated design.
9. Mobile APP compatible for convenient and fast control.
10. DMX512 compatible.
11. Bi-color design is adjustable from 2700K to 6500K.
12. Suitable for indoor or outdoor photograph and videography. Great for studio or location shoots including TV, film, portrait photography and more.

II.Precaution

1. Do not disassemble of modify the light.
2. Do not operate with wet hands, doing so may cause electric shock.
3. Do not operate in environments near flammable gasses or volatile liquids as this may increase the risk of explosion/fire.
4. Do not operate in encloses spaces where heat buildup can be extreme, such as 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, pull or twist the power cord, otherwise it may cause fire or electric shock.
7. Do not place under heavy objects.

II.Precaution

8. Avoid impact to the LCD display to prevent damage.
9. Avoid dust and debris buildup on the light surface as this will change illuminance and color temperature.
10. Keep the light surface clean with a soft, dry cloth.
11. Use ONLY the provided AC power adapter; using other AC power adapters may result in damage to the light. Should you need a replacement please contact techsupport@fotodiox.com
12. When using accessories, such as power adapter, please ensure that these are installed properly to avoid damage to the light or other safety issues caused by falling accessories.
13. Please loosen the yoke locking knob before adjusting the angle of the lamp body.

III.Part Name(P60 pictured)

Front view   Back view

P60

Ⓐ Front LED panel
Ⓑ Barn door
Ⓒ V-lock Battery Plate
Ⓓ V-lock Release Button
Ⓔ DMX out
Ⓕ DMX in
Ⓖ 4-pin XLR Power socket
Ⓗ Yoke
Ⓘ YokeLocking Screw
Ⓙ Selector Knob (with push button functionality)
Ⓚ Power Switch
Ⓛ Operation Buttons
Ⓜ LCD Screen
Ⓝ Mount Locking Screw

IV.Usage

1.Lamp Installation
1) 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 is fully mounted onto the support and the screw is securely fastened.

2) To adjust the light to the desired angle, turn the yoke locking screw counterclockwise to loosen. Move the light to the desired position, then tighten the yoke locking screw by turning clockwise.

2.Installing the AC power adapter
1) A V-lock mount is pre-installed on the AC power adapter.
2) Install the power adapter with holder into the V-lock plate on the back of the light. It is successfully installed when you hear the locking mechanism click.
3) To remove the AC power adapter, press down on the V-lock release button and push the adapter out of the V-lock plate.

3.Connecting the power supply
1) Connect the power adapter to the light fixture by inserting the power adapter 4-pin XLR plug into the lower left side of the light fixture. Connect the AC power cable to the external AC power (AC100-240V).
2) A V-Lock plate is pre-installed on the back of the light for battery power supply. To remove the battery, press the V-lock release button and push the battery out of the V-lock plate.

4.Power ON/OFF
Press the power switch on the right side of the power control box, the light is on.
The buttons on the control panels are for brightness, color temperature, special effects, language, DMX and address settings.

5.Brightness, Color Temperature Mode
Press the brightness(INT) or CCT button to enter the brightness/color temperature interface. Short press the multi-function knob to switch between brightness and color temperature adjustments; turn the knob to adjust the desired setting.
Brightness is adjustable 0-100%. Color temperature is adjustable 2700K-6500K.

IV.Usage

6.FX Mode
Press the FX button to enter the special effect interface. Short press the multi-function knob to switch between brightness, color temperature, FX mode and speed settings; turn the knob to adjust the desired setting.
Brightness and speed are adjustable 0-100%. Color temperature is adjustable 2700K-6500K.

	FX
MODE: Lightning (1/11)	
INT: 100%	
CCT: 6500K	
SPEED: 100%	

7.Language Mode
Press the LANG. button to enter the language interface. Turn the multi-function knob to switch between Chinese and English modes.

	Language
Language: English	

8.DMX Mode
Press the DMX button to enter the DMX interface, turn the multi-function knob to adjust the DMX address 1-512.

	DMX
Add.: 512	

9.Remote control Mode
Press the 2.4G button to enter the address interface, turn the multi-function knob to adjust the remote control address 1-12.
Remarks: RMT-OFF is the remote control lock function, and the operation light is not controlled.

	2.4G
Add.: 12	

10.How to use the Lishuai APP
You can search Lishuai in the APP store or Android market or scan the QR code below to download the APP to control lights.

Android   IOS

IV.Usage

Open the APP, select panel light to enter and choose product model P60/P120, click to search device and enter the control interface.
Set APP address the same as on the light. The APP address can be set 1-12.
Now the light can be controlled by the mobile APP. The brightness, color temperature, special effects, and language can be adjusted.
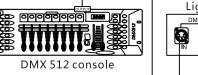
11.DMX connection
When operation DMX, connect the DMX cable to the console (the specific wiring is shown in the diagram below), then set the DMX address to match the console address.
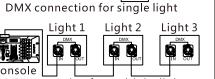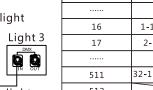Note: DMX cable sold separately.

12.DMX control
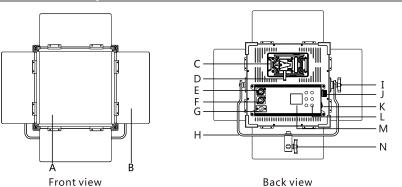Please see blow details of DMX address on LCD and corresponding channels on DMX console.

DMX 512 console
DMX connection for single light

DMX 512 console
DMX connection for multiple lights

DMX address correspondence table:

DMX address on LCD	Corresponding channel on DMX console
1	1-1 (Brightness) , 1-2 (CCT)
2	1-2 (Brightness) , 1-3 (CCT)
......	......
16	1-16 (Brightness) , 2-1 (CCT)
17	2-1 (Brightness) , 2-2 (CCT)
......	......
511	32-15 (Brightness) , 32-16 (CCT)
512	

V.Product specifications

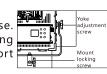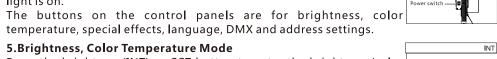| Product model	P60	P120
CCT Color temperature	2700K(±150K)-6500K(±300K)	
Brightness adjustment range	0-100%	
LEDS	896pcs	1792pcs
CRI	95	
TLCI	97	
Beam angle	120°	
Scene	Support (11 scenes)	
Output power	60W	120W
Working voltage	AC power adapter:AC100V-240V,Light fixture:DC15V	
Size	360 x 380 x 77mm	600 x 380 x 77mm
Net weight	3.2kg	4.5kg
Item included	LED panel light×1 , Power cord×1 , AC power adapter×1 , Velcro strap×2	

P60 Full power illuminance	Distance \ CCT	2700K	3200K	4400K	5600K	6500K
	1m	1753Lux	1904Lux	1987Lux	2063Lux	1970Lux
	2m	481Lux	517Lux	543Lux	562Lux	543Lux
	3m	235Lux	259Lux	273Lux	282Lux	271Lux

P120 Full power illuminance	Distance \ CCT	2700K	3200K	4400K	5600K	6500K
	1m	3542Lux	3650Lux	3702Lux	3890Lux	3704Lux
	2m	980Lux	1004Lux	1035Lux	1088Lux	1044Lux
	3m	480Lux	498Lux	512Lux	536Lux	517Lux

All specifications and parameters of this product are tested according to the company's laboratory samples. The product may be slightly different and does not affect normal use. Design and specifications are subject to change without notice.