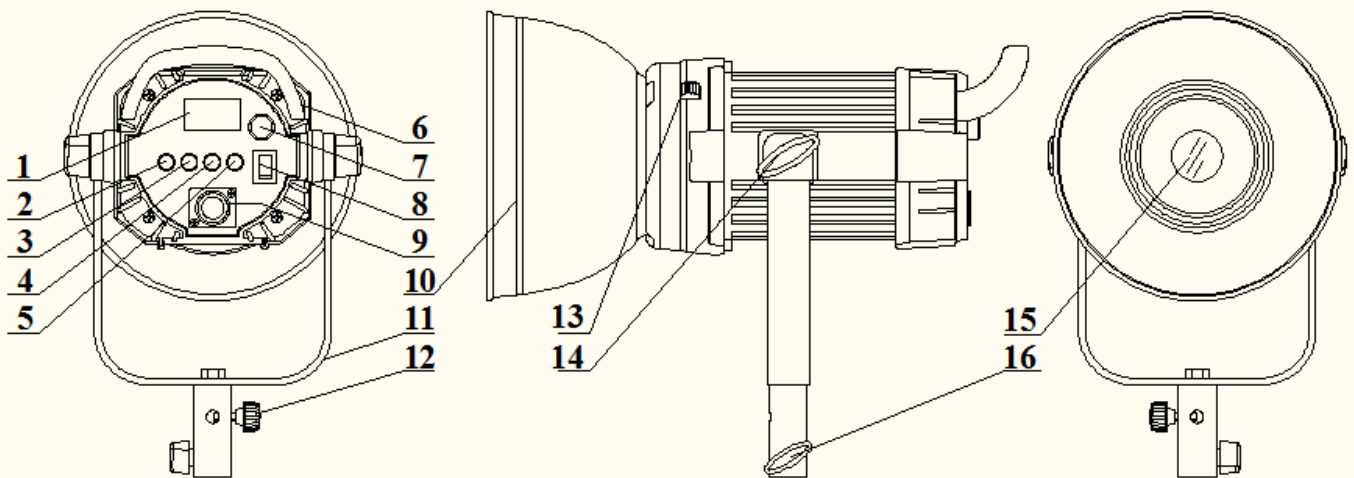# LED100 MKIII Series Ultra-Quiet COB LED Studio Light

Thank you for choosing PIXAPRO LED100 MKIII series ultra-quiet LED studio light.
PIXAPRO LED100 MKIII series LED studio lights use high-powered COB LEDs. It has advantages of high luminous efficiency, long life, high CRI etc. It uses a rear-guided heat dissipation system, where the heat is dissipated via the aluminium housing directly. Equipped with an ultra-quiet built-in cooling fan, the heat dissipation efficiency is greatly improved, and at the same time, the noise of the product is reduced, which reaches the standard of live recording.

The light is widely used in digital photography, cinematography, and TV production, cinematography.
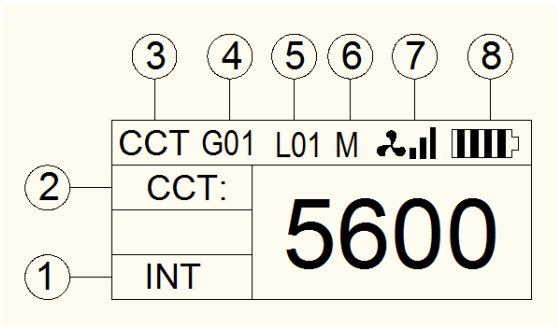
I. Structure

1	LCD Display	2	Fan Mode Button	3	CCT Mode Button
4	EFX Mode Button	5	SET Mode Button	6	Handle
7	Select / Confirm Dial	8	Power Switch	9	Power Input Port
10	Reflector	11	U Shape Holder	12	Umbrella Hole Locking Screw
13	Reflector locking nut	14	Angle adjustment locking screw	15	LED surface
16	Stand locking screw				

II. Specification

Model	LED100D MKIII	LED100B MKIII
Adapter Input	AC 90-240V~ 50/60Hz	
Adapter Output	DC 24V / 5A	
Adapter Output Port	XLR-4 port	
Power (W)	100W	
Light Intensity (Lux @1m)	11000	10000
Color Temperature (K)	5600K	3200-5600K
Beam Angle	65°	
Remote Control	Mobile APP Control	
Heat Dissipation Fan	Built-in fan （noise<18db）	
Overheat protection	Built-in	
CRI	>95%	
TLCI	>95%	
Housing Size (mm)	355×195×305	
Weight (kg)	2.5	2.6

III. Usage Method
Please tear off the protective film before you use the light.

CCT G01 L01 M ⚙.ıl ▮▮▮▯

CCT:	
INT	**5600**

②— CCT:
①— INT
③④⑤⑥⑦⑧

①Intensity
③Mode Display
⑤Light Number
⑦Fan Mode

②Color Temperature
④Group Number
⑥Master /Slave Mode
⑧ Battery Display

1. Power input

Connect the light power adapter to AC power Insert adapter output on the basis of bayonet right position to power input port（9）, it will be locked when heard "Click". Turn on the power switch (8), LCD display (1) lights up, and the light enters the working state.

The light supports 24V battery power supply. The battery power output port need convert to XLR-4 port.

LCD display has battery display, when the battery voltage is insufficient, the battery display will decrease. If battery display shows one grid, means need to charge the battery. If continue to use it, the light will automatic off when the battery power used up.

Note: If you do not use our light power adapter, or the power adapter does not match light's power requirements, it could lead to certain conditions, such as light flicker, lack of brightness, or not light at all. Please turn off power, as it could cause permanent damage to your light or to the power adapter.

Press mode button (2), (3), (4), (5) to select or set light mode.

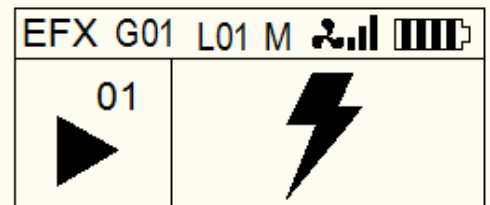### 2. Color temperature adjustment (CCT) - LED100B MKIII Only

Press color temperature (CCT) button (3), LCD display show "CCT" on left top corner（3）.

Rotate select / confirm dial (7), to select screen parameters, and rotate select / confirm dial (7) to adjust the corresponding color temperature and power.

Color temperature adjustment is only available for dual color temperature models. The single-color model only displays "5600K" and the parameters are not adjustable.
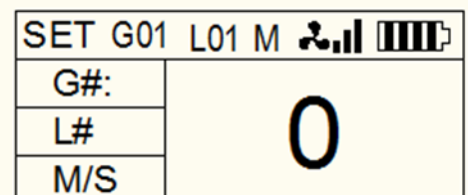
3. Special Effect (EFX)

Press the special effect mode (EFX) button (4), enter the "EFX" special effect mode in the upper left corner of the screen (3).

Rotate the select/confirm dial (7) to select the corresponding special effect mode and press the select/confirm dial (7) to start or stop the special effect.

EFX G01 L01 M ⚙.ıl ▮▮▮▯

01 ▶	⚡

4. Set Mode (SET)

Press SET Mode button (5), enter "SET" mode on the upper left corner of the screen (3). Rotate select/confirm dial (7) to select corresponding "SET" parameter. Press select/confirm dial (7) to select corresponding "SET".

SET G01 L01 M ⚙.ıl ▮▮▮▯

G#:	
L#	**0**
M/S	

A）G # Mode: Set Group No of each light.
B）L # Mode: Set light No of each light.
C）M/S Mode

MASTER: Transmitter and receiver to control same group lights. When adjust light parameter in one group, can synchronously change all lights to the same parameter in the group. When adjust main light and transmitter at the same time, other group lights synchronously change.

SLAVE: Only receiver to control same group lights. When adjust Master light parameter in one group, can synchronously change all lights to the same parameter in the group.

NONE: When there is "NONE" Mode on the LCD display, means turn off Master/Slave mode.

D）LAG: Select system language.

E）RFD: Select whether to restore factory settings.

F）VER: Display the current system version.

Download mobile phone software "PIXAPRO" to control light. You may simply search "PIXAPRO" on AppStore or Google Play Store to download the APP.

5. Fan Mode Control

Press the fan mode button (2) to change the working state of the fan, usually set to Auto.

6. Power Indicator

The LCD display shows power indicator (7). If battery is low, the power indicator decreases. When there is only one grid on indicator, battery needs to be recharged

7. Temperature control protection

The light built-in temperature controller and ultra-quiet cooling fan which will control the light temperature strictly. Because the light uses rear-guided heat dissipation system, the LED heat is guided to light body directly and heat is then dissipated. So, the body of the light can get a little hot.

Under normal usage conditions (indoor temperature below 30℃), the light temperature should keep below 50℃ and fan's noise extreme low. In un-normal use condition (over-high indoor temperature or faulty condition), the light temperature will rise. If light temperature rises to above 58℃, output power automatic decrease 50% to protect LED not to overheat and damage. If light body temperature continues to rise, the light will automatic off until temperature decrease to the safety value. When restart the light, it will be used normally.

8. Disposal (end of life)

To minimize hazards to health and the environment and ensure that materials can be recycled, this product should be disposed of at a separate collection facility.

IV. Caution

1. Please do not touch or cover Light whilst in use as it could burn the skin and/or damage LED light.

2. Please do not cover light body, as it could interrupt heat dissipation.

3. Keep clean, turn off the light when cleaning.

4. After use, store the light in a safe and dry place.

5. Do not keep the light in direct sunlight or in high-temperature environments. Do not expose the light to moisture.

6. Do not use solvents, gasoline, paints, and pesticides on this product.

7. Do not insert metal objects into lamp housing.

8. Do not touch the power cord with wet hands.

9. When removing the power plug, always pull the plug rather than the power cord.

10. Do not attempt to repair the light. If the light develops a problem, turn off the light and contact us at info@essentialohoto.co.uk.

V. Pack List

1	Light body	2	Power cable
3	DC24V adapter	4	7" standard reflector
5	Soft filter	6	Manual

VII. Troubleshooting

When using this product, you may encounter the following problems:

Description	Possible Cause	Possible Solution
Nothing happens when switched on	Power show 10%	Rotate power dial in clockwise
	Power adapter does not match	Use standard power adapter
	Low battery	Charge battery before use
	Circuit board damaged	Return to dealer for repair
Lack of brightness	Use 14.8V V-Lock battery	Use standard power adapter
	Overheat protection	Allow to cool before use
When turn on the light, the battery displays inaccurate. Low battery when increase brightness, full battery when decrease brightness.	Battery display test indicated usage of time length in the current brightness. Increase brightness requires more battery; the usage time is short, so battery display shows less.	Normal
LCD show incomplete or backlight off	LCD display damage	Return to dealer repair

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