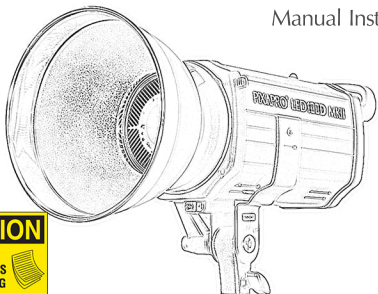



# LED100D

## Manual Instructions



Model	LED100D MKII	LED100D MKII+
Power Output	100W	100W
Luminous Flux	10,000 lm	10,000 lm
Brightness/Illuminance	42,000 lux @ 50cm (15,000 lux @ 1m)	42,000 lux @ 50cm (15,000 lux @ 1m)
F-Stop (at 1m with Standard Reflector)	f/8.0 (1/80 Second ISO 100)	f/8.0 (1/80 Second ISO 100)
LED Type	Integrated LED Chip	Integrated LED Chip
Colour Temperature	5600k	5600k
Beam Angle	45°	45°
CRI	≥94	≥94
Power Range	10-100%	10-100%
LED Life	Approx. 50,000 Hours	Approx. 50,000 Hours
Remote Control	Yes (Sold Separately)	Yes (Sold Separately)
Operating Voltage	90-240V (AC)	14.8V (DC) 90-240V (AC)
Dimensions	275mm x 130mm x 220mm	275mm x 130mm x 220mm
Battery Operated	No	Yes (Sold Separately)
Battery Requirements	N/A	14.8V / 10A

 Please read these instructions carefully before using your device for the first time. It includes everything you need to know to avoid physical injuries and damages.

 Please pay attention to all safety notes in this instruction manual.

 Please keep this manual safe. In case of selling or leaving the device to other persons, please don't forget to hand this manual over as well.

A) Features .....	3
B) Safety precautions .....	3/4
C) Panel Diagram .....	4/5
D) Instructions .....	5/6
Switching the device on and off	
Cooling procedures	
Change of fuse	
Fixing stand to the head unit	
Adjust the angle and position of each light	
Transportation and storage	
Cleaning	
E) Trouble shooting .....	7



## CAUTION!

Do Not Look Directly Into The Light



**Important Information**  
**PLEASE READ**

## A) Features

The PiXAPRO® LED100D MKII & MKII+ series studio lights uses the latest in integrated high powered LED technology. It has a high luminous efficiency of up to 94%. The LEDs are long lasting approximately 50,000 hours and are energy efficient due to the latest LED technology.

The PiXAPRO LED100D MKII & MKII+ series studio lights are compatible with any S-Type bayonet fitting accessory such as softboxes, reflectors and beauty dishes etc. This LED lighting system can be used in a wide range of applications including TV, video productions and digital stills photography.

The PiXAPRO LED100D MKII+ has an added AC/DC dual power option allowing you to use the unit with a v-lock battery, making the LED more portable and versatile for both indoor and outdoor use.

Here are the combination kits you can find from our shop:

Combination Kits	Content
Single Unit	1x LED100D MKII/MKII+ Head Unit, 1x Standard Reflector, 1x UK 3-Pin Power Cable
Twin Head Kit	2x LED100D MKII/MKII+ Head Unit, 2x Standard Reflector, 2x Light Stand, 2x UK 3-Pin Power Cable
Three Head Kit	3x LED100D MKII/MKII+ Head Unit, 3x Standard Reflector, 3x Light Stand, 3x UK 3-Pin Power Cable
Three Head Boom Kit	3x LED100D MKII/MKII+ Head Unit, 3x Standard Reflector, 2x Light Stand, 1x Boom Stand, 3x UK 3-Pin Power Cable

## B) Safety precautions

- i. DO NOT attempt to repair your lighting equipment yourself.
- ii. DO NOT expose the equipment to sunlight, moisture, dust, any exposure to chemical solutions, gasoline, grease, oil, paint, or detergents can result in permanent damage to your equipment.

- iii. DO NOT insert any metal objects into your lighting equipment.
- iv. DO NOT place it in close distance to the eyes of persons or animals. Please ensure that the distance between persons and animals is at least 1m.
- v. DO NOT dismantle the head unit unless it is carried out by a qualified electrician.
- vi. Ensure the device is cooled down approximately 30 minutes before starting any mounting or maintenance arrangements.
- vii. Ensure the device is cooled down approximately 15 minutes for every hour of use.
- viii. ENSURE that the device is always positioned tilt and skid resistant and stored securely.
- ix. ENSURE the device is disconnected the power supply when the light is not in use and before mounting and maintenances.
- x. Please ENSURE the original cables are used.
- xi. In case of falling-off, please ENSURE the device is checked by qualified electrician before switching on again.
- xii. ENSURE all the inflammable materials are kept away from the devices.
- xiii. Please ENSURE bulbs are handled with care to avoid bursting.
- xiv. Please ENSURE the power supply is either AC220-240V 50HZ or AV110-120V 60HZ to ensure the light is working safely.
- xv. AVOID touching LED chip when mounting or charging accessories.
- xvi. AVOID touching LED chip whilst attaching a modifier

## C) Panel Diagram



1. Power
  - AC Power On
  - o Off
  - = DC Power On (LED100D MKII+ ONLY)
2. Power Outlet
3. Dimmer
4. Digital Display
5. Fuse

## D) Instructions

Switch the device on and off

Turn on the device by pressing down the power button (1) on the light switch. It will take 30 -60 seconds until the LED chip reaches its maximum output.

### Cooling procedures

Cooling procedures must be taken place when the device has undergone:  
 - 15 minutes cooling down period for every hour of use.

1. The device shall be cooled down for at least 15 minutes.
2. During cooling procedures, you **MUST ENSURE** the unit has been switched off.

### Change of fuse

Danger of electric shock and fire through short circuit. A 250V fuse shall be used.

1. Switch off device (see Power on and off of device)
2. Disconnect from power supply by unplugging power cord.
3. With a screwdriver, pry open the fuse by flicking up the lip of the fuse compartment (5).
4. Place the new fuse in the fuse compartment and close the fuse.

## Fixing Stand to Head Unit

Firstly, unscrew the knob at bottom corner of the head unit completely, then sit the light unit on the stand, and then screw it back on to lock it

Adjust the angle and position of each head unit

Unscrew the handle (clock wise) to loosen the unit and adjust to required angle/position and then screw the handle (anti-clock wise) to secure its position.

## Transportation and storage

1. Switch off device (see Switch on and off device) and disconnect the power supply by unplugging power cord.

2. Cool down the device completely.


 Fire hazard due to hot parts.

3. Clean the device as necessary.

4. Put the device and all demounted elements into anti-shock packing and carry and store them at cool and dry place.

## Cleaning

 Posterior danger of damaging LED chip, so you **MUST ENSURE** not to touch the chip with bare hands.

 Danger of electric shock, so you **MUST** ensure the power supply is disconnected during cleaning and you **MUST AVOID** contact with moisture and water.

## E) Trouble Shooting

Problem	Possible Reason	Remedy
The device is switched on but has not function	Power cord is not plugged in or plugged in correctly	Plug in power cord correctly
	Fuse is defective	Change fuse, see Change of Fuse (page 5)
	Chip is defective	Change LED chip (please note this should be carried out by a qualified electrician only)
Battery does not work (LED100D MKII+ Only)	Unit is not using DC Power	Change the unit to use DC Power, you can do this by flicking the power switch to the = symbol. (see page 5)
	Does not meet requirements	The unit will require a v-lock battery of 10A/14.8V We recommend using our BP130 V-Lock battery with the unit as this has been tested to work.

**PIXAPRO**

50 Popes Lane, Oldbury,

West Midlands, B69 4PA

0121 552 3113

customerservices@essentialphoto.co.uk