

LED200B MKIII

Instruction Manual



Specifications

Model	LED200B MKIII
Power Output	200W
Brightness	16,000 lux @ 1m
LED Type	Integrated LED Chip
Beam Angle	65°
CRI	>95
TLCI	>95
Power Range	10-100%
Heat Dissipation	Built-in Fan (<18dB)
Remote Control	Yes (Sold Separately - Requires Receiver Dongle)
Adapter Input	AC 90-240V~ 50/60Hz
Adapter Output	DC 24V / 5A
Adapter Output Port	XLR-4 Port
Dimensions	360mm x 250mm x 315mm
Net. Weight	3.6kg



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.

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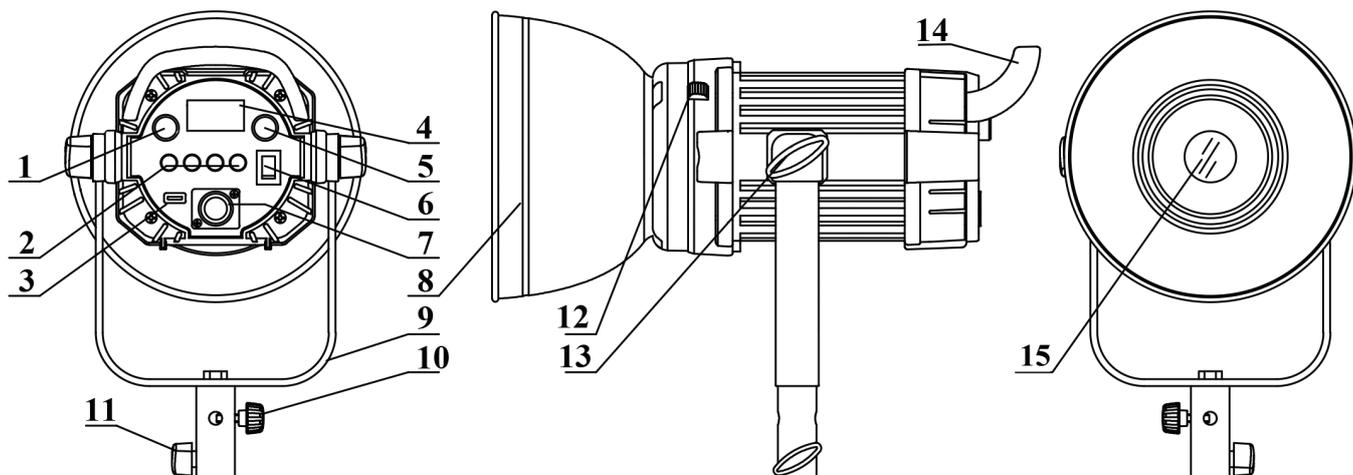
CAUTION!

DO NOT Look Directly Into The Light



Important Information... Please Read

Parts & How To Use



- | | | |
|--------------------------------|----------------------------|----------------------------|
| 1. Colour Temperature Dial | 6. Power Switch | 11. Stand Locking Screw |
| 2. Parameter Store/Read Button | 7. Power Input Port | 12. Modifier Release |
| 3. USB Receiver Port | 8. Reflector | 13. Angle Adjustment Screw |
| 4. LCD Screen | 9. Yoke Bracket | 14. Handle |
| 5. Power Dial | 10. Umbrella Locking Screw | 15. LED Chip |

How To Use

1. Power Input

Connect the power adapter, to the Power Input port (7), located at the back of your LED200B MKIII. Please pay attention to orientation of the bayonet on the power connector. You should hear a “click” which indicates that your power adapter is securely connected to your LED200B MKIII unit. Once connected, plug your power adapter into the mains power socket, and switch on the power switch (6). LCD display (4) should then light-up to indicate that the unit is ready for use.

2. Power/Colour Temperature Adjustment

To control the Power output, rotate power dial (5) clockwise, the power will increase in increments of 10%. if you rotate the power dial in an anti-clockwise direction, power decrease in 10% increments for quick adjustments.

For more precise power adjustments, press power dial (5) in once, and the percentage on the display should blink. Rotate the dial in a clockwise direction, and the power increase by increments of 1% for every click; Rotate the dial in an anti-clockwise direction, and the power decrease by increments of 1% for every click; The Power range goes from 0-100%. 100% represents full power status, and 0% represents off power status.

To control the Colour-Temperature, rotate the Colour-Temperature dial (1) clockwise, and the Colour-Temperature will increase up to 5600K (Daylight Balanced). If you rotate the colour-temperature dial anti-clockwise, it decrease down to 3200K (Tungsten Balanced).

How To Use

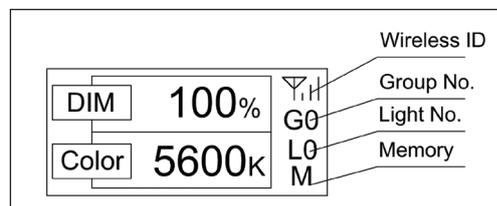
3. Memory Function

The parameter storage/recall buttons (2), from left to right, are M1, M2, M3, and M4. Press and hold for two seconds to store parameter settings and short press to recall storage parameters. For example, if you want to store certain power settings, press and hold the key M3 for 2 seconds. The "M3" appears in the lower right corner of the LCD display, e.g. the current power and colour temperature parameters are stored. When the parameters are changed, if you need to use the previously stored power settings again, simply press the M3 key to restore the original parameters.

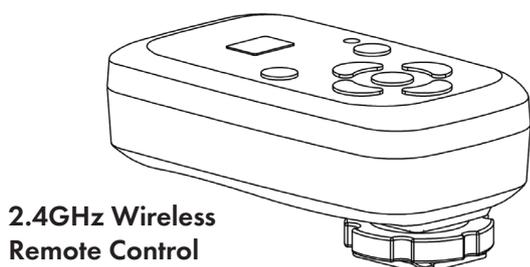
4. Light ID and Group Settings (For Optional Remote Control)

Insert the optional PiXAPRO 2.4GHz remote control receiver into the USB receiver socket (3) located at the back of the LED200B MKIII unit. Together with the optional PiXAPRO 2.4GHz radio remote, you can wirelessly and remotely control the power of your LED200B MKIII light

Simply insert the remote control receiver into the USB receiver port (3) and turn on the main power switch (6). The red indicator light on the remote receiver should flash, indicating that the communication connection is normal. At the same time, the LCD screen automatically switches to the interface shown in the figure to the right. Set the remote transmitter to the same Light ID Number as set on the LED head, and you should now be able to remotely control the light.



Light ID number setting: After pressing and holding the power dial (5) for two seconds, the "G0" icon on the LCD screen starts flashing. Now use the power dial (5) to set your groups on the flash (G0-G9); Press the power dial (5) again and the "L0" " icon on the LCD screen should start blinking. Now use the power dial (5) to set your light-number on the flash (L0-L9). Once you are happy with your settings, press the power dial (5) in again to confirm and save your settings. You can also leave your adjustments for about 2 seconds to automatically save. The LED200B MKIII can be set to a total of 100 Light numbers.



2.4GHz Wireless Remote Control



2.4GHz Wireless Receiver Dongle

How To Use

5. Overheat Protection

The LED200B MKIII features a built-in temperature controller and an ultra-quiet cooling fan (<18dB), strictly to regulate the temperature of the LED200B MKIII body. Since the LED200B MKIII uses the rear-conduction heat dissipation method, the heat from the LED chip is channelled directly to the LED200B MKIII's housing where the heat is dissipated.

If the temperature of the shooting environment is too high, the LED200B MKIII's body temperature will increase. If it rises above about 58°C, the output power will be automatically reduced by 50% to protect the LED chip from overheating and sustaining permanent damage. If the temperature of the LED200B MKIII continues to increase, the LED chip will automatically switch-off until the unit cools back down to a safe working temperature. After restarting, the LED200B MKIII everything should go back to normal.

Optional Accessories

Optional accessories for the PiXAPRO LED200B MKIII include: 2.4GHz Wireless Remote control, 2.4GHz Wireless remote control receiver dongle, S-Type fitting soft-boxes, reflectors, barn door sets etc. (Sold Separately).

Troubleshooting

Description	Possible Cause	Possible Solutions
Nothing Happens When Power is Switched on.	Power shows 10%	Rotate Power-Dial in a Clockwise Direction
	Power adapter does not match	Please use power adapter that comes supplied with the LED200B MKIII Unit
	Low Battery	Charge Battery Before Use
	Circuit Board Damaged	Please Return to Vendor for Repair
Lack of Brightness	Over-heat Protection has been activated	Leave adequate cooling time 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
Items shown on LCD display are incomplete, or the back-light is not turning on.	LCD Display is malfunctioning	Please Return to Vendor for Repair

Health & Safety Precautions

	DO NOT touch or allow anything to make direct contact with the LED chip whilst LED200B MKIII is in use or is cooling down. May burn the skin, or cause permanent damage to the LED.
	DO NOT cover the LED200B MKIII body whilst in use, as it can affect heat dissipation, and cause the LED200B MKIII unit to over-heat, which may cause permanent damage.
	ENSURE the device is given sufficient cooling-down time (approximately for 15 minutes for every hour of use) before storage.
	Please store LED200B MKIII unit in a cool dry place.
	DO NOT expose the LED200B MKIII to direct sunlight, moisture, dust, chemical solutions, gasoline, grease, oil, paint, or detergents etc. May cause permanent damage to your LED200B MKIII head unit.
	DO NOT look directly into, or place Led chip at close proximity to the eyes of people or animals. Please use :LED200B MKIII at a distance of at least 1m away from your subject unless diffused.
	ENSURE the device is properly disconnected the power supply when the light is not in use, before mounting or during maintenance.
	PLEASE ENSURE your device is checked by qualified Technician before switching on again, if you LED200B MKIII has suffered any falls or hard impacts.
	ENSURE all the inflammable materials are kept away from the LED100K MKIII.
	DO NOT insert metal object into the LED200B MKIII housing
	DO NOT touch power cord with wet hands. Risk of electrocution
	When disconnecting the Power-Cord, please pull out by the plug, and not by the cable.
	DO NOT attempt to repair light. If your LED200B MKIII develops a fault, as doing so will VOID your warranty. Please contact us at customerservice@essentialphoto.co.uk
	DO NOT dismantle the head unit unless work is carried out by a qualified technician. Dismantling your LED200B MKIII will VOID your warranty.

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