PiXAPRO®

LUMI
Compact Studio Flash

Instruction Manual

FOREWORD

Thanks for choosing LUMI series studio flash. It is a durable and good quality strobe with complete functions to help photographers create desired lighting effects. The product is suited for wedding, portrait, and product photography. The LUMI flash offers:

- Precise output control, 30 steps from 5.0-8.0 in 0.1 increments
- High-qualified modeling lamp, 150W output steplessly adjustable
- High output stability, a tolerance of not larger than 2% under the same output
- Anti-preflash function, enabling synchronization with cameras having a one-preflash firing system
- Auto power discharge when the flash output is adjusted from high to low
- Adjusted settings intelligently remembered after 3s and automatically recovered after a restart
- Wireless control of the flash power ratio, the on or off of modeling lamp and buzzer, as well as flash triggering

CONTENTS

FOR YOUR SAFETY

To prevent damage to the product or injury to you or to others, read the following safety precautions in their entirety before using this product. Keep these safety instructions where users can read them for ready reference.

⚠ **Do not disassemble or modify**

There are high-voltage components inside the unit. Failure to observe this precaution could result in electric shock or product malfunction. Should the product break open as the result of a fall or other accident, send the defective back to authorized service center for inspection and maintenance.

⚠ **Keep dry**

Do not handle with wet hands or immerse in or expose to water or rain. Failure to observe this precaution could result in fire or electric shock.

⚠ **Keep out of the reach of children**

This device contains small parts that may pose a choking hazard. Consult a physician immediately if a child swallows any part of this device.

⚠ **Do not expose to high temperature**

Do not leave the device in a closed vehicle in the sun or in other areas subject to extremely high temperature. Failure to observe this precaution could result in fire or damage to the housing or internal parts.

CAUTION

⚠ After 30 continuous flashes at full power, the flash should be cooled down for about 3 minutes. Overheating will occur if it is used continuously without cooling down.

⚠ Do not keep using the modeling lamp for a long time, otherwise flammable accessories attaching to flash head, e.g. softbox will get burnt. A 10-minute time is recommended in this case. After 10 minutes, cool it down for 1 minute.

⚠ When using a snoot, do not keep the modeling lamp on for a long time or fire too frequently (not over six times for one minute). Overheating will result in damages for strobe housing and/or studio light.

⚠ Do not touch the lamp cap when the flash or modeling lamp is working, as it will give out heat, leading to high surface temperature.

⚠ Do not touch the two terminals of the tube outlet as there is high voltage inside. Wear insolated gloves before replacing the tube or modeling lamp.

⚠ Avoid sudden impacts as this can damage the flash tube and/or modeling lamp.

⚠ Do not flash directly towards naked eyes (especially those of babies), otherwise it may lead to visual impairment.

⚠ Disconnect from the power supply when it will not be used for an extended period.

NAMES OF PARTS

• **Body**

12
04
11

15
10
13
05
14
09
08

17
06
02
07
01

03
16

19

18

20

1. AC Power Socket
2. Sync Cord Jack
3. Power Switch
4. Modeling Lamp Output Controller
5. Flash Output Controller
6. Modeling Lamp Button
7. Sound Button
8. Slave Model Button
9. Test Button
10. Digital Display

11. Modeling Lamp Indicator
12. Buzz Indicator
13. Slave Triggering Indicator
14. Test Indicator Lamp
15. Light Sensor
16. Fuse
17. Wireless Control Port
18. Mounting Bracket
19. Umbrella Input
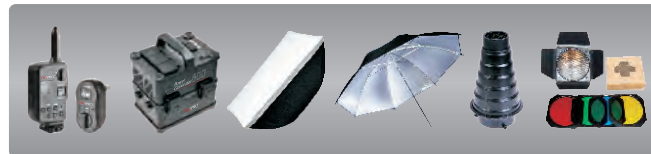20. Direction Adjusting Handle

• **Accessories**

1. Sync Cord
2. Power Cord
3. Lamp Cover
4. Glass Protection Cover
5. Modeling Lamp
6. Instruction Manual

SEPARATELY SOLD ACCESSORIES

The product can be used in combination with the following accessories sold separately, so as to achieve best photography effects:

FT-16 Remote Control, Power Inverter, Softbox, Photographic Umbrella, Light Stand, Barndoor, Snoot, etc.

OPERATIONS

• **Flash Preparation**

1.Take down the lamp cover. Install the modeling lamp and put on the glass protection cover and standard reflector.

(To uninstall the standard reflector, press the release button on the flash head and turn the standard reflector counter-clockwise to take it out, as illustrated in the picture.)

2. Attach the flash unit on an appropriate light stand. Adjust the mounting bracket (18) for a good angle and make sure it's tightened and fixed. Use the direction adjusting handle (20) to adjust the flash to a desired direction. Umbrella input (19) is for different photo umbrellas to put in.

• **Power Connection**

Use the power cord to connect the flash to an AC power source and turn on the power switch (3). The Digital Display (10) lights up, indicating it's connected.

• **Modeling Lamp**

Modeling Lamp Button (6) controls the modeling lamp status: when modeling lamp indicator lights up, modeling lamp is on; if not, modeling lamp is off. Modeling lamp

output controller (4) is used for adjusting the power output level of modeling lamp. Modeling lamp will be off automatically after lighting for 2 hours, avoiding overheat due to long-time lighting when the user is not nearby.

> ⚠ When there is flammable accessory on the flash unit, do not keep the modeling lamp on for a long time. It is recommended to cool it down for one minute after 10 minutes' working.

- **Power Output Control**

Flash output controller (5) decides different power output, satisfying the light requirements in different environment. The power is adjustable freely from 5.0 to 8.0 which will be accordingly told on the digital display (10). "OF" on the display indicates that the flash triggering function is turned off. It can automatically discharge power when the flash output is adjusted from high to low.

- **Test Button**

To fire the flash without taking a picture, press the test button (9). It can also help adjust the flash brightness when combined with the flash output controller (5).

- **Sync Triggering**

The sync cord jack (2) is a Φ3.50mm plug. Insert a trigger plug here and the flash will be fired synchronously with the camera shutter.

Slave Trigger Model

- Three slave triggering models are available and can be set by pressing Slave Model Button (8).

1.No optical control: The slave triggering indicator (13) is off, indicating the slave triggering function is shut down.

2.One fire model: The slave triggering indicator (13) glows blue, indicating the flash will fire synchronously when receiving one external flash. In this model, the flash can function as an auxiliary lamp, offering various effects of light and shadow.

3.Anti-preflash model: The slave triggering indicator (13) glows red, indicating the flash will receive two external flashes within 2 seconds and will fire synchronously when receiving the second flash. In this model, the flash can function as an auxiliary lamp, applicable to TTL system. With this anti-preflash function, synchronization is supported with cameras having a one-preflash firing system.

Buzz Function

- The sound button (7) is used to decide whether there is sound reminder for ready flash after recharging. When the buzz indicator (12) is on, it means buzz function is working; if it is off, the buzz function is shut down. A "BI" sound will be heard when

it's fully charged.

Memory Function

- The device is equipped with memory function for the panel setting. It will help remember the panel setting 3 seconds after you set it. When starting up the flash next time, the panel setting will be the same as that before powering it off.

Wireless Control Function

- The flash unit is built in with a Wireless Control Port (17) so that you can wirelessly control the on-and-off of your flash, modeling lamp and buzzer, as well as adjust the flash output level, etc.

To control the flash wirelessly, you need a PIXAPRO series remote control set (on-camera and on-flash). Insert its receive end into the Wireless Control Port (17) on the flash and insert the transmit end into the camera hot shoe. Settings made on the hotshoe-mounted transmit and receive ends will be wirelessly communicated to the flash. Then you can press the camera shutter-release button to trigger the flash.

For full instructions on the use of FT series remote control, see its user manual.

Tube Replacement

- Shut down the power and remove the power cord before replacing the flash tube and wear insulated gloves. Then, loosen the iron wire on the tube, keep a balanced hold on the two feet of the flash tube and pull out the old tube gently. Take down the feet casing from the old tube and put it on the new one. Hold two feet of the new tube, and target directly towards the two copper outlets, then push them slightly in. Twine the iron wire on the stainless steel sheet to fix the flash tube.

TECHNICAL DATA

Model	LUMI200	LUMI300	LUMI400
Max Power (WS)	200WS	300WS	400WS
Guide Number(m ISO 100)	49	58	65
Color Temperature	5600±200K		
Operating Voltage	AC200-240V/50Hz		
Power Output Control	OFF, 5.0~8.0（1/32~1/1）		
Modeling Lamp (W)	150W		
Recycle Time	0.3~1.2s	0.3~1.5s	
Triggering Method	Sync cord, Test button, Slave triggering, Wireless control port		
Flash Duration	1/2000~1/800s		
Fuse	8A		
Dimension	Flash diameterΦ12.5CM, height of flash with handle 25CM, length of flash with lamp cover 35CM		
Net Weight	Approx.1.8KG	Approx.1.9KG	Approx.2KG

MAINTENANCE

- Shut down the device immediately when it works abnormally and find out the reason.
- Avoid sudden impacts and the lamp should be dedusted regularly.
- It is normal for the lamp to be warm when in use. Avoid continuous flashes if unnecessary.
- Maintenance of the flash must be performed by our authorized maintenance department which can provide original accessories. The flash-tube and the modeling lamp are user-replaceable. Replacement tubes and lamps can be obtained from the manufacturer.
- This product, except consumables e.g. flash tube and modeling lamp, is supported with a one-year warranty.
- Unauthorized service will void the warranty.
- If product fails or comes into contact with any liquids, do not use it until it is repaired by professionals.
- Disconnect the power when cleaning the flash or when changing the flashtube / modeling lamp.
- Changes made to the specifications or designs may not be reflected in this manual.