

PIXAPRO®

KINO II +

Professional Studio Flash



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Made In China

CE RoHS ♻️

Instruction Manual

English

FOREWORD

Thanks for choosing KINO II+ series studio flash. It is a durable and high-performance strobe with complete functions to help professional photographers create desired lighting effects. This product is suited for wedding, advertisement, portrait, and fashion photography. The perfect light source and a Must in studios and photo workshops! The KINO II+ flash offers:

- Built-in PIXAPRO 2.4G wireless ST-III system
- Precise output displayed on LCD panel, 50 steps from 1/32 to 1/1 (or 5.0-10.0) in 0.1 increments.
- High-qualified modeling lamp, 150W output and 5% to 100% manual light adjustment
- Outstanding output stability, a tolerance of $\leq 2\%$ under the same output
- Anti-preflash function, enabling synchronization with cameras having a one-preflash firing system
- Automatic power discharge when the flash output is adjusted from high to low
- Adjusted parameters intelligently remembered after 3s and automatically recovered after a restart
- Wireless control of the flash power ratio, the on-and-off of modeling lamp and buzzer, as well as flash triggering with PIXAPRO ST-III, PRO AC 2.4GHz or PROC AC 433MHz flash trigger.

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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 device. 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 the authorized service center for inspection and maintenance.

▲ Keep dry

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

▲ Keep out of 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 insulated 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.

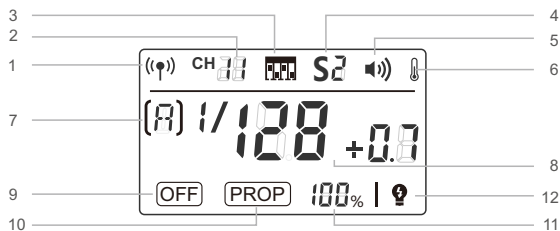
NAMES OF PARTS

• Body



- | | |
|---------------------------------|--------------------------------|
| 1. AC Power Socket | 10. LCD Display |
| 2. Sync Cord Jack | 11. Light Sensor |
| 3. Power Switch | 12. Modeling Lamp Indicator |
| 4. Test Button | 13. Test Indicator |
| 5. MOD/OFF Modeling Lamp Button | 14. Select Dial + SET Button |
| 6. S1/S2 Slave Model Button | 15. Fuse |
| 7. Group/Channel Button | 16. Mounting Bracket |
| 8. BUZZ Button | 17. Umbrella Input |
| 9. Wireless Control Port | 18. Direction Adjusting Handle |

• LCD Panel



1. Built-in 2.4G Wireless Transmission
2. Built-in Wireless Channel
3. Built-in Wireless Channel Dial
4. Slave Model Indicator
5. Beep
6. Temperature Alarm Display
7. Built-in Wireless Group
8. Flash Output
9. Modeling Lamp is off
10. Modeling Lamp is in the PROP mode
11. Modeling Lamp shows the power in percentage
12. Modeling Lamp is off when triggering the flash

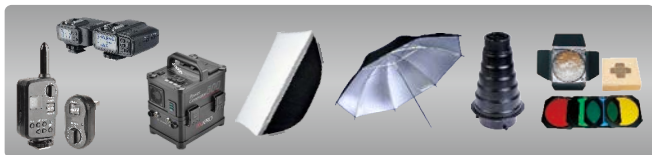
• Accessories

1. Sync Cord
2. Power Cord
3. Standard Reflector
4. Lamp Cover
5. Glass Protection Cover
6. Modeling Lamp
7. 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: ST-III, PRO AC 2.4GHz or PRO AC 433MHz remote control, Power Inverter, Softbox, Photographic Umbrella, Light Stand, Barndoor, Snoot, etc.



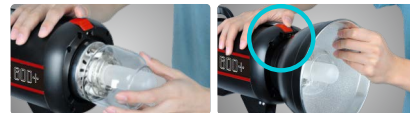
OPERATIONS

• Flash Preparation

1. Take down the lamp cover. Install the modeling lamp and put on the glass protection cover and the 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 onto an appropriate light stand. Adjust the mounting bracket (16) for a good angle and make sure it is tightened and fixed. Use the direction adjusting handle (18) to adjust the flash to a desired direction. Umbrella input (17) 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).

• Modeling Lamp

Short press the Modeling Lamp Button (5) to choose the modeling lamp's mode (OFF, PROP and percentage); and long press the Modeling Lamp Button (5) to switch on or off the function that the modeling is off when triggering the flash.

Modeling lamp will be off automatically after lighting for 4 hours, avoiding overheat due to long-time lighting when the user is not nearby.

OFF: Modeling lamp is off.

PROP: The modeling lamp's power changes with the flash's power. The bigger power the flash has, the brighter the modeling lamp is.

Percentage: Adjust the modeling lamp's light brightness manually from 5% to 100%.



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**

select dial (14) decides different power output, satisfying light requirements in different environment. The power is adjustable freely from 1/32 to 1/1 which will be accordingly shown on the LCD display (10). "--" on the display indicates that the flash triggering function is turned off. Press the Test button to 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 (4). It can also help adjust the flash brightness when combined with the select dial (14). Press the SET button and turn on the flash to view its version.

- **Sync Triggering**

The sync cord jack (2) is a $\Phi 6.35\text{mm}$ plug. Insert a trigger plug here and the flash will be fired synchronously with the camera shutter.



- **GR/CH Button**

Short press the GR/CH button can adjust the built-in wireless group. When the group indicator on the LCD panel is blinking, turn the select dial to change. And long press the GR/CH button can adjust the built-in wireless channel. When the channel indicator on the LCD panel is blinking, turn the select dial to change.

- **Slave Trigger Model**

Three slave triggering models are available and can be set by pressing slave model button (6).

- ◆ No optical control: S1 or S2 is not displayed on the LCD panel, indicating the slave triggering function is shut down.
- ◆ One fire model: S1 is displayed on the LCD panel, 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.
- ◆ Anti-preflash model: S2 is displayed on the LCD panel, 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, the flash can synchronize with cameras having a one-preflash firing system.

- **Buzz Function**

The sound button (8) is used for deciding whether there is sound reminder for ready flash after recharging. When the buzz indicator is on the LCD panel, the buzz function is working; when it disappears, the buzz function is not working. A "BI" sound will be heard when it's fully charged.

- **Key Combination**

Synchronously press the GR/CH button and the S1/S2 button can turn on/off the built-in wireless transmission. If there are no wireless and channel indicators displayed on the LCD panel, the built-in wireless transmission is off. On the contrary, the built-in wireless transmission is on. Synchronously press the S1/S2 button and BUZZ button to recover factory settings.

- **Alarm Display**

- E0 The temperature sensor is not connected.
 - E1 When charging, the capacitance and voltage are not rising within 1 second.
 - E2 The fastest heating-up component is over the extra temperature.
 - E3 Discharged capacitance and voltage > rating +10%
- Alarm sounds, BIBI, ringing per 0.5 second. Press SET button to stop alarming.

- **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 has built-in 2.4G wireless transmission, which can be used together with ST-III and PRO AC 2.4GHz flash trigger.

- ◆ The flash unit is built in with a Wireless Control Port (9) 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 PRO AC series remote control set (on-camera and on-flash). Insert its receive end into the Wireless Control Port (9) 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 PRO AC series remote control, see its user manual.

• Tube Replacement

Shut down the power and remove the power cord before replacing the flash tube. Wear insulated gloves to 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	KINO II 400+	KINO II 600+	KINO II 800+	KINO II 1200+
Max Power (Ws)	400Ws	600Ws	800Ws	1200Ws
Guide Number(m ISO 100)	65	76	90	110
Color Temperature	5600±200k			
Operating Voltage	AC200-240V/50Hz or AC100-120V/60Hz			
Power Output Control	OFF,5.0~8.0(1/32~1/1)			
Modeling Lamp (W)	150W			
Recycle Time	0.3~1.5s			
Triggering Method	Sync cord, Test button, Slave triggering, Wireless control port			
Flash Duration	1/2000~1/800s			
Fuse	5A	8A	10A	
Dimension	Flash diameterΦ14cm, height of flash with handle 26cm			
	length of flash with lamp cover 41cm		length of flash with lamp cover 51.15cm	
Net Weight	Approx. 2.75kg	Approx.2.91kg	Approx.3.9kg	Approx.4.3kg

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 the product had failures or was wetted, do not use it until it is repaired by professional.
- 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.