



高能产品使用说明书

Operation Manual

使用前请认真阅读此说明书并请妥善保管

Go through and keep it carefully

无线TTL高速同步闪光灯

i6T_{EX}



高能摄影器材有限公司

Shenzhen Gaoneng Photographic Equipment Co., Ltd.

Parts



Instructions

- Power switch:** Turn on/off the flashlight.
- Modeling light switch:**
 - ☆ Press this Button to turn on/off the modelling light which has four modes.
 - ☆ When turn on modelling light, long press this button and rotate knob ③ to adjust the brightness of modelling light from 10% to 100%.
- Power knob:** Rotate this knob to adjust output power from 1/1-1/128 (1/3EV).
- Sound and functional button:**
 - ☆ Press this button to turn on/off beep.
 - (Types of Beep: Recycle completion beep; Dead battery warning tone.)
 - ☆ Long press this button to enter into function setting interface.
- Channel Button:** Press this button to set up the channel needed (CH"1-9").
- A/B/C grouping indicator:**
 - Long press button ⑤ and rotate button ③ to set up the group needed.
- Optical sensor button:** Optical slave can be triggered by outdoor light automatically.
- Optical slave button:** Turn on or off optical slave (when on, indicator light ⑪ shows green).
- Sync cord jack:** Insert the 6.35mm sync cord to connect camera to sync firing
- Flash-testing button:**
 - ☆ Press this button to test flash and its flashing.
 - ☆ Long press this button for about 3 seconds to switch the recycle modes: Ordinary flashing recycle mode, High-speed flashing recycle mode
- Indicator light:**
 - ☆ When optical slave on, it turns green.
 - ☆ When recycling, it turns red.
 - ☆ When blue indicator light on, the flash mode has been switched to ordinary flashing recycle mode (Approx. 3s for all-optical recycle).
 - ☆ When blue indicator light off, the flash mode has been switched to quick flashing recycle mode (Approx. 1s for all-optical recycle).

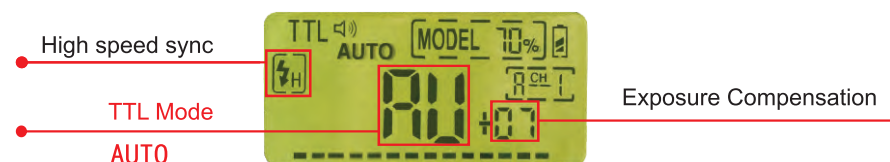
Mode

Press MENU button on the remote trigger to switch into TTL mode, Manual mode or turn off flash mode.

1. TTL mode :

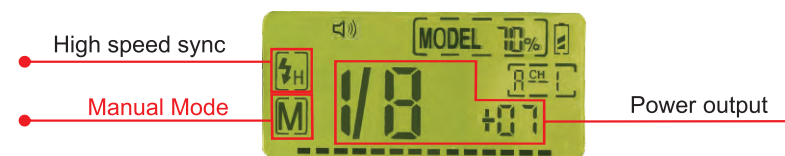
In different photographic environment, the flash can auto receive the advised exposure in this mode.

Auto recognize the Canon Nikon and Sony camera system, support exposure compensation, $\pm 1/3EV$, auto switch into HSS.



2. "M" Manual Mode

Adjust the output power from power knob or remote trigger. The output power ranges from 1/1-1/128 ($\pm 1/3EV$). The system will switch HSS according to the speed of camera shutter.



3. The flashing off Mode

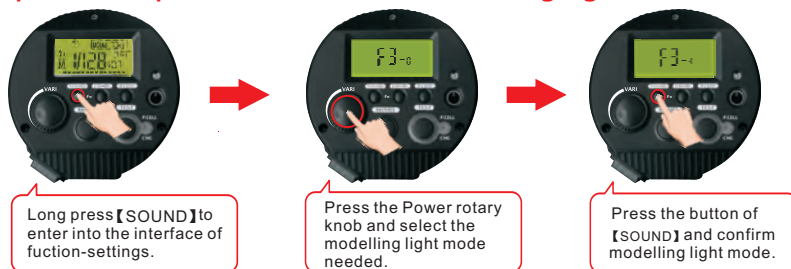
When the flashing function is off, press 【MODEL】 button or use remote trigger to turn on the LED light.



● Steps for switching recycle modes

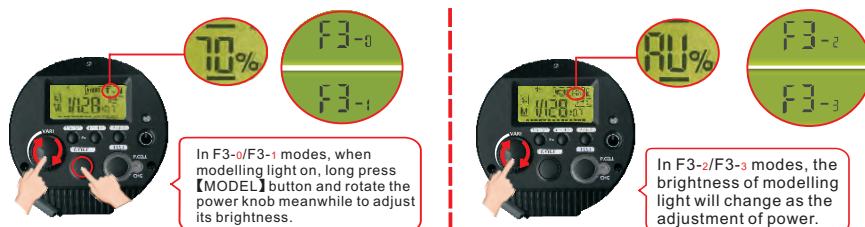


● Steps to set up Multi-functional modelling light

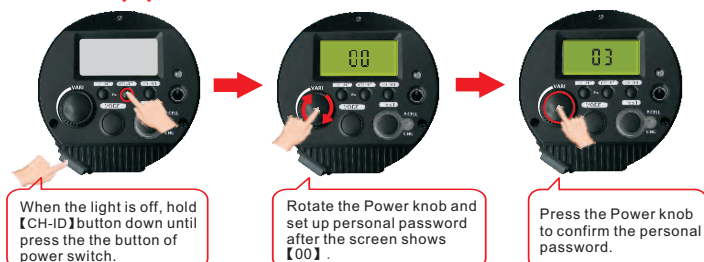


The list of Modeling light mode	F3-0	The brightness of Modelling light can be adjusted separately and light is flashing without any instant-extinguish reminder.
	F3-1	The brightness of Modelling light can be adjusted separately and light is flashing with instant-extinguish reminder.
	F3-2	The brightness of Modelling light changes as per the adjustment of power and light is flashing without any instant-extinguish reminder.
	F3-3	The brightness of Modelling light changes as per the adjustment of power and light is flashing with instant-extinguish reminder.

● Steps to adjust brightness of modelling light



● Steps to set up personal ID code (00-99)



NOTE: The flash and its remote shall be set with the same password.

● Restore Factory Settings

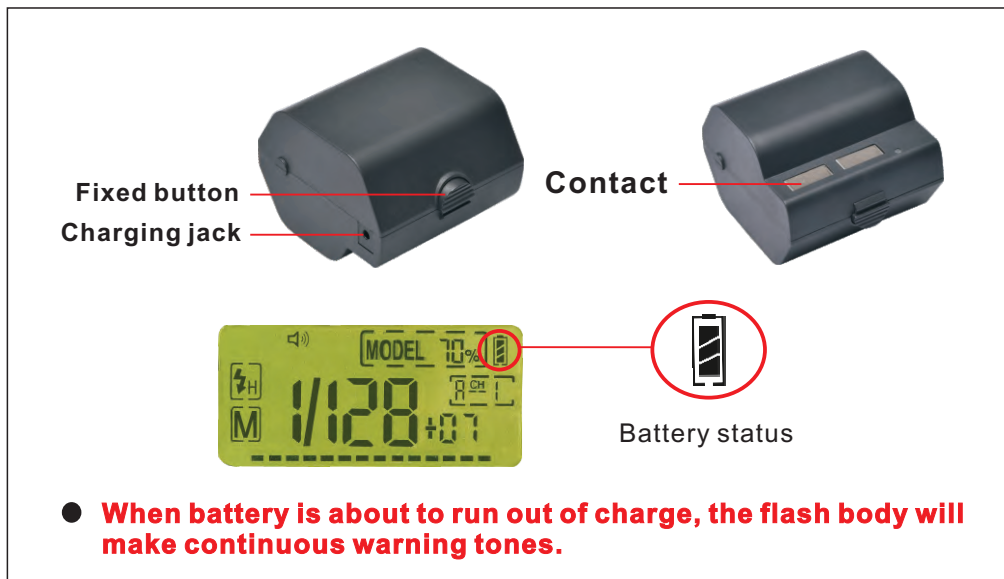


Parameter

Strobe		
Model	i 6T EX	
Power	600WS	
M Mode(Power adjusting range)	1/1-1/128(±1/3EV) Support 1/8000s HSS	
TTL Mode (Auto HSS)	Exposure compensation	
Compatible Cameras of TTL	Auto identity Canon,Nikon and Sony cameras	
Compatible Cameras of HSS		
Aperture F (48 reflector)	F45. 6	
Flash Duration (t 0. 5)	Quick flashing recycle mode	450 th -18500 th
	Ordinary flashing recycle mode	380 th -9500 th
Wireless remote receiver	Built-in	
Wireless signal receiving distance	50m	
ID Channel	9	
Personnal ID setting	00-99 (100 in total)	
Sync-flash voltage	DC5V	
Sync methods	Wireless trigger ,Photosensitive receiver,Sync cable	
Color temperature	5500K ±100K	
Auto color temperature correction system	Yes	
LED modelling light (Brightness adjustable from 10%-100%)	1500LM, 4200K	
Modelling light modes	4 modes settable: F3-0 F3-1 F3-2 F3-3	
Recycle mode(switchable)	Quick flashing recycle mode	
	Ordinary flashing recycle mode	
All-optical recycle time	Quick flashing recycle mode	0.2s-1s
	Ordinary flashing recycle mode	0.3s-3s
Recycle Notification tone	Yes (On/Off)	
Overheat Protection	Yes	
Dimension	Length: 210 mm Diameter: 100 mm	
Net weight	1.4kg(battery Not included)	

Battery	
Battery property	Li-ion battery, 2000mA (30Wh)
Voltage	15. 2V
Full power output flash times (5s/t)	Approx. 400 times
Charging time	Approx 4 hours (Only with the original charger)
Charger	INPUT : 100-240V -50/60Hz OUTPUT : 16. 8V 1. 5A
Overheat protection	Yes (80°C)
Size/Weight	80mm x 60mm / 0.4kg

Li-ion Battery



Battery characteristics

- (1) The batteries keep about 40%-80 of full power when leave the factory.it will self-discharge when it is in store,the power goes down at the rate 3%~14% of full power per month.so please charge the battery every 2-3 months even it is not being used.
- (2) Battery will become exhausted even if it is not in use(or store in the warehouse for months),The power capacity will decreases by 10%~15% (of full power) each year,resulting can not charge to be 100% power if it is in the store for months.
- (3) The extreme environment may affect the performance of the battery, the proper temperature for battery is -15°C. . . . +65°C , the temperature lower than -15°C , to avoid risk of releasing gases , do not let the temperature of the battery exceeds +65°C , out using battery in which out of the safe working temperature range is not good for the battery.

Warning

- Flash units contain high voltages and internal components that can store dangerous voltages.even when the units are unplugged.



- Please don't cover the unit with paper or colophony during using.



- Please don't touch the flash tube with your hand right during using,otherwise you will be hurt by the high temperature.



- Please send the breaking unit to the maintenance location immediately for repair.



- Please use 110V~240V power supply ,only.

- Do not leave a flash unit unattended when it is turned on and/or in use.

- If any cords is frayed or damaged,stop using it or replace it immediately.

After-sales service:

Manufacturer provides a limited warranty that this product is free from defects in materials and workmanship to the original purchaser under normal use for period of one (1) year from the original purchase date.Manufacturer's responsibility with respect to this limited warranty shall be limited solely to repair or replacement. at its option,of any product which fails during normal consumer use.This warranty does not extend to damage or failure which results from misuse,neglect,accident, alternation,abuse,improper installation or maintenance.To obtain a replacement during the time of this warranty,please return the defective item with proof of purchase to the place of purchase.

Note:Power cable, tube,modeling lamp,battery are not listed to free after-service system. Manufacturer reserves the right to explain the terms of the instruction.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



CONONMARK

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