

product description

EN

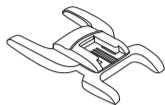
Thank you for purchasing NEEWER® products!

The TT560 on-camera flash adopts a high-performance CPU control circuit to accurately control the power output, achieving a minimum power flash of 1/128. At the same time, it has an advanced light-controlled flash mode and its anti-pre-flash function enables cameras with pre-flash functions to achieve light flash. Controllable flash photography allows you to take photos more freely.

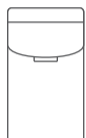
packing list



Flash ×1



Micro base ×1



Protection bag ×1



Instructions ×1

Precautions

- Do not expose this product to rain or moisture to avoid fire or electric shock. Since there are high-voltage components inside this product, do not disassemble or repair this product by yourself. If you come into contact with the high-voltage circuit inside the product, you may get an electric shock. When repair is needed, please send it to a designated professional for repair.
- If the product is squeezed, dropped, or subjected to a strong impact during use, do not continue to use it after the casing is broken to avoid contact with internal electronic components and cause electric shock injury.
- Do not flash the flash head directly into human eyes (especially the eyes of babies) at close range, otherwise it may cause visual impairment in a short period of time. When using flash to photograph babies, it is recommended that the flash be at least 1 meter away, or use bounce flash to reduce the damage that the flash may cause to vision.
- Please store batteries or objects that are easily swallowed away from children. If an object is swallowed, please contact your doctor immediately.

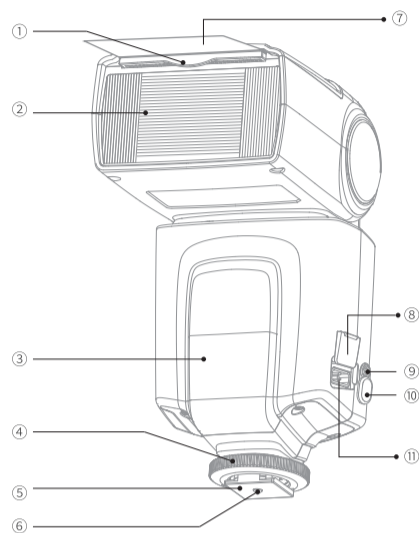
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Precautions

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- If corrosive liquid flows out of the battery, wear gloves to remove the battery.
- Do not use the flash near chemicals or certain special substances or flammable gases. These substances may be sensitive to the instantaneous strong light emitted by the flash under special circumstances, which may cause fire or electromagnetic interference. Please pay attention to the relevant warning signs on these occasions.
- Do not place this product in an environment exceeding 40 degrees Celsius (such as a car trunk), as it may cause damage to components.
- This product is not waterproof, please pay attention to waterproofing in rainy days and humid environments.
- Please remove the battery when not in use for a long time and store it in a dry place.

Product illustration

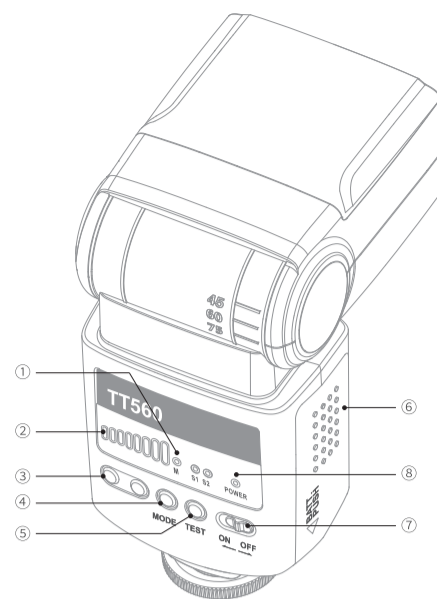


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|------------------------------|--------------------|
| ① Built-in Wide Panel | ⑦ Reflection Board |
| ② Flash Head | ⑧ Socket Cover |
| ③ Optic Control Sensor | ⑨ PC Sync Socket |
| ④ Lock Ring | ⑩ Socket Cover |
| ⑤ Hot Shoe Stand | ⑪ Charging Socket |
| ⑥ Dedicated Hot Shoe Contact | |

02

Product illustration

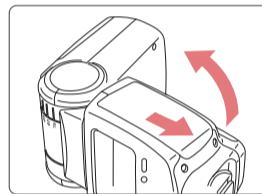
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|-----------------------------------|----------------------|
| ① Mode Select Indicator (M.S1.S2) | ⑤ Battery Cover |
| ② Output Level Indicator | ⑥ Power Switch |
| ③ Flash Power Level Button | ⑦ Charging Indicator |
| ④ Mode Select Button | ⑧ Test Button |

Installation Notes

(一) Battery Installation

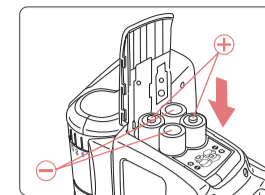


1. open the battery cover
- Slide the battery cover along the arrow direction and then open it by thumb.

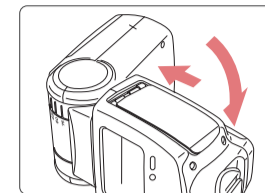
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Installation Notes

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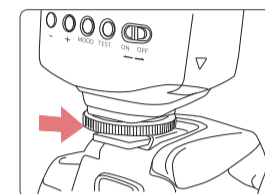
2. Insert batteries
- Install the batteries according to the direction indicated by the sticker in the battery holder and make sure the + and - battery contact are correctly inserted at the battery compartment.



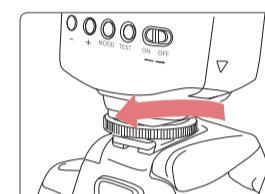
3. Close the battery cover
- Slide the battery cover along the arrow direction and slide it back in place. The battery cover will be locked when there is a "click" sound.

- ⚠ Attention: ① Take care of the hot battery when changing them after continuous flashes.
② Take out the battery when idle in case the battery leakage damages the flash unit.

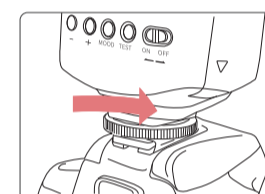
(二) Install the flash on the camera



1. Install the flash
- Slide the flash mount fully into the camera's hot shoe socket.



2. Tighten the flash
- Tighten the knob on the holder until the flash is locked.



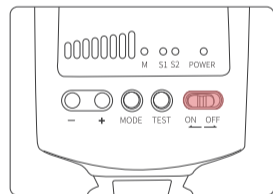
3. Remove the flash
- Loosen the knob and remove the flash.

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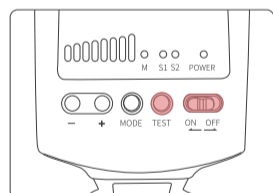
Instructions for use

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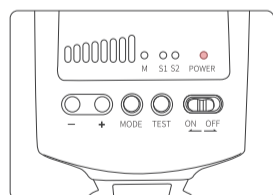
(一) Power management



Turn the power switch to "ON". If the charging indicator does not light up, it means it is charging. After a few seconds, the red light will light up, which means it is ready for shooting.



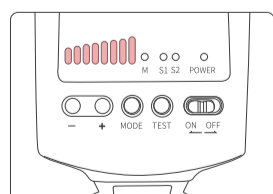
To test the flash, press the "TEST" key. Please turn the power switch to "OFF" after use.



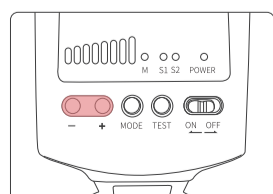
When the charging indicator light flashes with a cycle of 1 second, it means that the battery power is low, please replace the battery.

Note: Please turn the power switch to "OFF" after use.

(二) Power selection



This machine has 8 levels of power selection, and 8 LEDs indicate the 8 levels of power respectively.



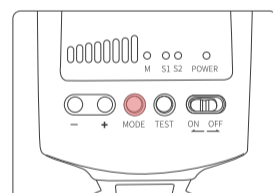
Press the "+" key to increase the power gradually, the order is: 1/128, 1/64, 1/32, 1/16, 1/8, 1/4, 1/2, 1; vice versa. Press the "-" key to decrease the output power.

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Instructions for use

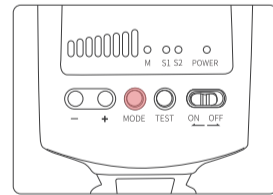
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(三) M mode



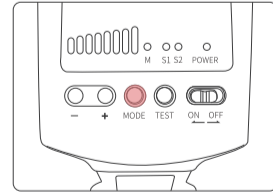
By pressing the MODE button, the flash can enter M mode, which supports the flash being installed on the camera or trigger hot shoe for triggering. When shooting, you only need to set the flash brightness, adjust the camera and press the shutter, and the flash will flash under the camera synchronization signal.

(四) S1 mode



By pressing the MODE button, the flash can enter S1 mode. S1 mode can be used as a secondary light to create a variety of lighting effects, suitable for manual flash environments. It will trigger the flash synchronously with the first flash of the main flash, and the effect is the same as using a wireless flash trigger.

(五) S2 mode



By pressing the MODE button, the flash can enter S2 mode. S2 mode can be used as a secondary light to create a variety of lighting effects. It will not trigger the flash synchronously with the first flash of the main flash, but will trigger the flash synchronously with the second flash of the main flash, that is, 2 light-controlled flash triggers.

Note: In M mode, the flash light control triggering function is turned off. In S1 and S2 modes, the hot shoe trigger function of the flash is disabled.

(六) Shutter synchronization function

Connect the camera to the flash using a flash cable to trigger the flash in sync with the shutter.

(七) Power saving function

- ① This lamp has an energy-saving mode. In the M state, the power supply will automatically enter the power-saving state after about 30 minutes of no operation. To turn on the flash, press any key to turn it on.
- ② It will automatically enter the power saving state after being idle for 60 minutes in wireless flash mode (S1 or S2). To turn on the flash, press any key to turn it on. In energy-saving mode, the charging indicator light flashes every 3 seconds. Other lights are off.

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Instructions for use

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(八) Protection function

For continuous flash protection: To prevent the flash head from overheating and damaging, do not perform more than 20 rapid flashes at 1/2 and 1/1 power. Continuous flash. After 20 consecutive flashes, let the flash cool down for at least 10 minutes. If you are doing an ultra.

If you continue to flash more times immediately after 20 consecutive flashes, the internal overheating prevention function may be damaged. Activated, the charging time becomes about 10 to 25 seconds. If this occurs, allow the flash to cool But in about 10 minutes, the flash will return to normal.

Continuous flash protection correspondence table:

power	times (approximate value)
1/1, 1/2	20
1/4, 1/8	40
1/16, 1/32	80
1/64, 1/128	160

System overheating protection: When the internal system overheats, indicating that the flash has been overused, the internal circuit will automatically shut down the entire system.

power supply, wait for the system temperature to drop (about 10 minutes), and the flash will return to normal.

(九) Photography skills

- ① Use reflective photography - If you feel that the direct light is too strong, you can point the flash head at the wall or ceiling, and the flash will be reflected by the wall before illuminating the subject. This can reduce the shadows behind the subject and obtain a more natural look. Photographic effects.
- ② Shooting using a reflector - first pull out the built-in reflector and wide-angle diffuser from the lamp head, and push the wide-angle diffuser back. At this time, using this product to shoot can create a highlight point in the subject's eyes, making the eyes more charming (eye light). This function can achieve the best effect when the flash head is tilted 90 degrees.
- ③ Use the wide-angle diffuser to shoot - pull out the wide-angle diffuser to expand the flash range and the flash effect will be softer and more natural.

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heading

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Specifications	TT560
Guide number	38(m ISO 100)
Flash mode	M, S1, S2
Vertical rotation angle	0-90 degrees
Horizontal rotation angle	0-270 degrees
Power	4xAAsize batteries (Alkaline or Ni-MH are usable)
Lighting times	100-1500 times (AA alkaline batteries used)
Recycle time	approx 0.1-5s(AA alkaline batteries used)
Color temperature	5600K±200K
Flash duration	1/300s~1/20000s
Dimensions	190*75*55mm
Net weight	286g

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