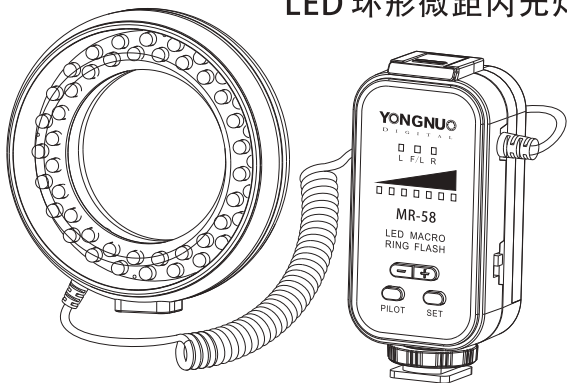




MR-58

LED MACRO RING FLASH

LED 环形微距闪光灯



User Manual
用户手册

General description

Thank you for purchasing Yongnuo Product.

- MR-58 LED macro ring flash has 58 pcs high brightness LED as lighting source. A high-efficiency circuit design keeps the stability of the lighting outputs. The controller can be installed on most of the DSLR camera models#. With adapter ring, it is applicable to macro lens of many diameter. It has flash mode and light mode, 7 levels brightness adjustment, max flash sync speed 1/250s*.
- The left / right flash head can be turned on respectively to get special lighting effects. When full on flash there is no shadow in macro-photography so it is applicable to take photos of still life, flowers and insects at close range as well as photography of special field such as dentistry. It can also use the light mode to take videos at close range.
- The product uses two AA batteries or external input power supply (optional).

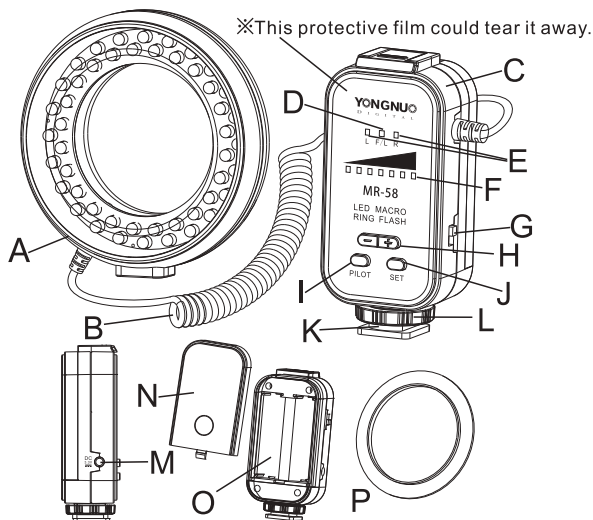
**Sync speed of some combination of camera and flash may be lower.*

#Non-standard hot-shoe designed camera needs a hot shoe adapter(optional).

Caution

- Turn off all the equipment before installing this product.
- For a long time non-use, please turn the power off and remove the batteries.
- Keep dry, do not use wet hands contact with the product, the product must not be immersed in water or exposed to rain, and this may lead to not work properly.
- Do not used in the flammable occasion in violation of this warning may cause an explosion or fire.
- Owing to this product include battery, please operate it strictly according to related rules, otherwise maybe cause explosion, fire or physical injury.

The name of each part /Include items



- A-Flash head (LED)
- B-Connecting cord
- C-Controller
- D-Mode indicator
- E-Left/Right indicator
- F-Brightness level indicator
- G-Power switch
- H-Brightness/Function selection
- I-Testing button(Pilot)
- J-Setting button
- K-Mounting foot(contacts)

- L-Locking ring
- M-External power socket(3.5mm)
- N-Battery compartment cover
- O-Battery compartment
- P-Adapter ring

Include items

1×MR-58 LED FLASH

4×Adapter rings:

52mm/58mm/62mm/67mm

1×User manual

Before using

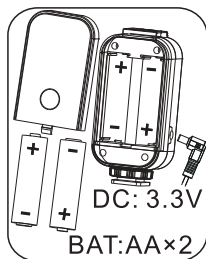
1.Power supply install

They are two ways of power supply mode: battery <BAT> or external power <DC>.

I .Install/replace batteries: Install two AA batteries according to the "+/-" marks shown of the battery compartment. Replace batteries when the brightness of LED lamp is getting dark or it works insecurity. In order to prevent batteries from over discharging, the power will be turned off automatically when batteries are going to be exhausted.

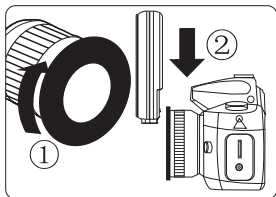
II .Connect external power: Plug to the external power socket. (This product does not contain an external power supply)

※It suggests using two 1.2V Ni-MH rechargeable batteries.



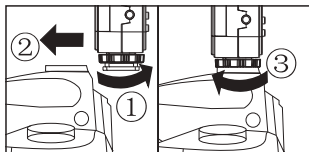
2.Adapter ring /Flash head mounting

- 1).According to the diameter of the lens to choose a adapter ring, screw the adapter ring onto the filter mounting thread in the front of the lens .
- 2).Attach the flash head into the adapter ring all the way. Ensure the flash head is attached well, and it can be rotated.

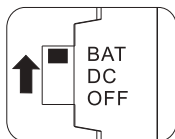


3.Attach the controller

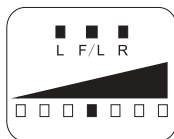
- 1).Loosen the locking ring.
- 2).Slip the mounting foot into the camera's hot shoe.
- 3).Tighten the locking ring.



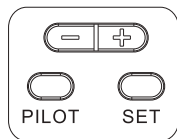
Setting



1. Slide the power switch to <BAT> or <DC> position to select power supply mode, and then power on.



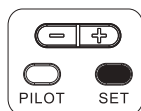
2. The indicators on, it will work in the mode that is saved at the previous time.



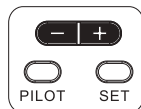
3. Press the buttons to adjusting parameters.

1. Switching modes

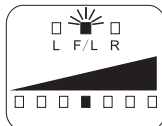
- 1). Enter the mode selection menu by pressing the <SET> button, the <F/L> mode indicator blinks.
- 2). pressing <+> or <-> button in turn to switch between the flash mode and the light mode. The indicator in green is flash mode, the indicator in red is light mode. Press the <SET> button again to confirm, the mode indicator will stop blinking. Then the current mode is selected.



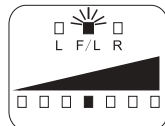
①



②



The mode indicator in green is flash mode.

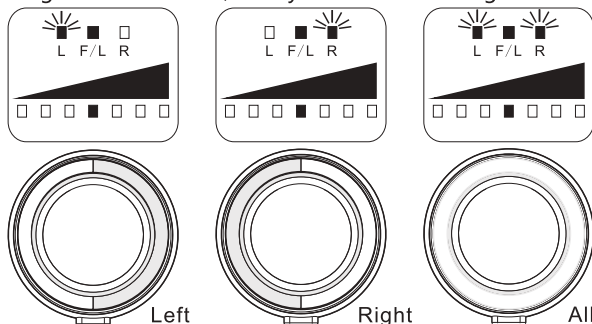


The mode indicator in red is light mode.

Setting

2.Switching left/right flash head

▲ After mode setting, now it enters the left/right flash head selection menu. <L> or <R> flash head indicator blinks, press < + > or < - > button to select single left , single right or all flash head on , press <SET> button again to confirm, and then indicator lamps stop blinking and all setting will be showed, now you can start using.



<Light Mode>

▲ In the light mode, the flash head will continuous output by the current mode of left/right setting, it suitable for taking photo or video recording.

<Flash Mode>

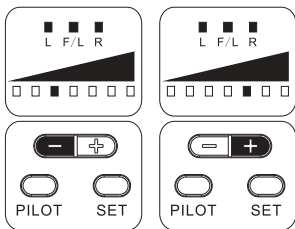
▲ In the flash mode, the flash head will fire by the current left/right setting when testing or using, it suitable for taking photo at close range..

*In case of there is no operation in 8 seconds during setting, the current working mode will be saved automatically.

Using

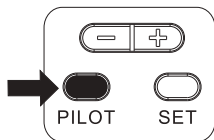
1. Brightness adjustment

▲ Brightness can be adjusted in both flash and light mode, there is brightness at 7 levels. By pressing <+> (or<->) button once, brightness will be increased 1 level (or decreased 1 level) and the power indicator changes.



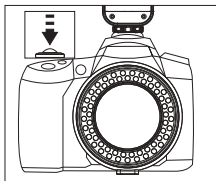
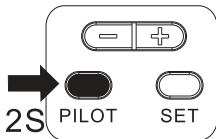
2. Test fire(Flash mode only)

▲ In the flash mode or during the flash mode setting, flash can be tested by short pressing the <PILOT> button once.



3. Focusing lamp(Flash mode only)

- 1). Pressing the <PILOT> button for 2 seconds turns on the focusing lamp function.
- 2). Half pressing the shutter button of the camera(camera metering on).The LED lamp will keep on in low power, it assists focusing in low light. A few seconds (camera metering off) off.
- 3). This function can be turned off by pressing <PILOT> button for 2 seconds again.

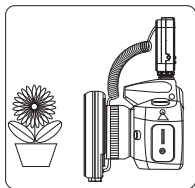


※ This focusing lamp function for both of Canon /Nikon DSLR camera only.

Using

4.Flash using

▲Sets it in the flash mode, press the buttons to adjusting parameters, the flash will be fired sync when pressing the camera' s shutter button .



※This macro ring flash is specially designed for macro lens, non-macro lens may be rotated when focusing, **so it suggests using manual focusing (MF) when non-macro lens is used.**

Troubleshooting

1.Device can not be powered on(or auto turn off).

•**The batteries are not correctly installed or the batteries are exhausted.**

▲Install the new batteries and turn it on again.(see page.5)

2.The photos overexposure or underexposure.

•**Needs adjust the parameters.**

▲ Adjust the brightness of the flash at first. And then try to adjust the shooting parameters of the camera, such as aperture/shutter/ISO/exposure compensation etc.

3.It can test fire in flash mode, but does not fire when pressing the shutter button of the camera.

•**The controller is not mounted well, or the contacts are dirty between the camera and the controller.**

▲ Re-mount the controller, and clean the contacts.

※ Some of DSLR cameras in special shooting mode(such as "live view" mode) may not support for this external flash , please refer to the camera manufacturer's instruction manual.

Specification

Name: MR-58 LED MACRO RING FLASH
Light source: 58 pcs high brightness LED
Modes: Flash and light modes
Max sync speed: 1/250s*
Guide number:12
LED brightness : 350 lum
Flash head switch: Left/right or both flash head switch
Flash range: 5-100cm
LED color temperature: 5500K
Size of adapter rings: 52mm/58mm/62mm/67mm
Power supply : AA batteries×2 (Compatible 1.2V Ni-MH rechargeable batteries) or DC3.3V 1.5A(not included)
Working Hours: Approx.1.5h(light mode, 2AA Ni-MH batteries)
Size: Controller: 92.7*43.5*29mm
Flash head: 108*108*27mm
Weight: 162g

**Sync speed of some combination of camera and flash may be lower.*

※ All the specifications are base on test conditions of our company, all trademarks are the property of their respective owners. Specifications or this manual subject to change without notice.

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