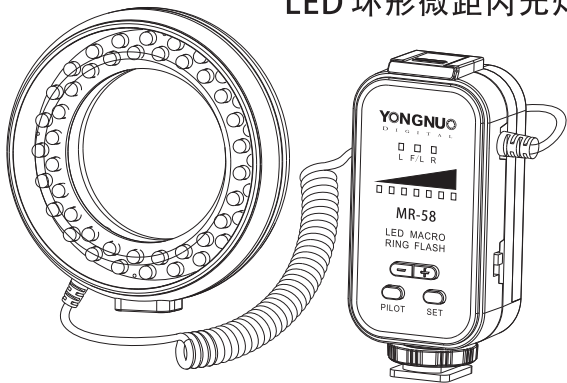


YONGNUO
DIGITAL

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).

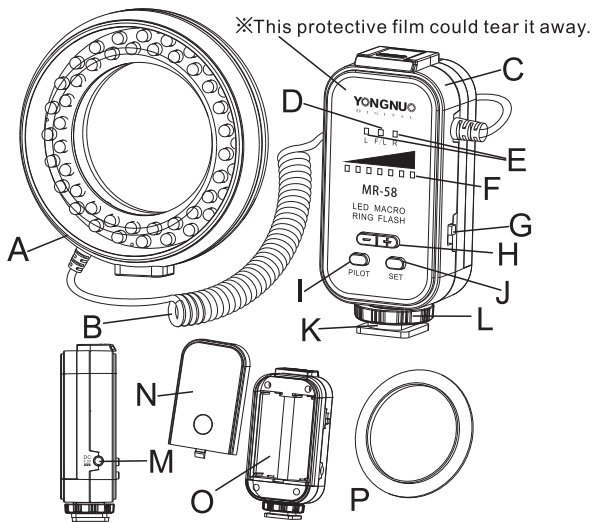
**Sync speed of some combination of camera and flash may be lower.*

#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

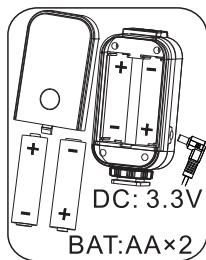
Before using

1. Power supply install

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

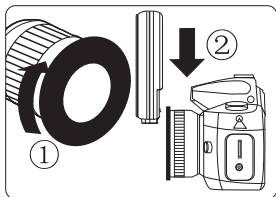
I .Install/replace batteries: Install two AA batteries according to the "+/-" marks shown of the battery compartment. Replace batteries when the brightness of LED lamp is getting dark or it works insecurity. In order to prevent batteries from over discharging, the power will be turned off automatically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



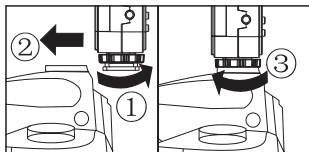
2. Adapter ring /Flash head mounting

- 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.

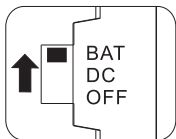


3. Attach the controller

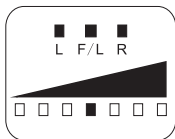
- 1).Loosen the locking ring.
- 2).Slip the mounting foot into the camera's hot shoe.
- 3).Tighten the locking ring.



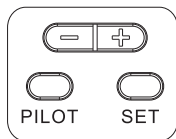
Setting



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



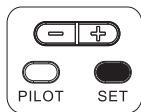
2. The indicators on, it will work in the mode that is saved at the previous time.



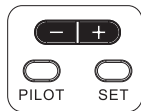
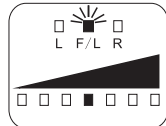
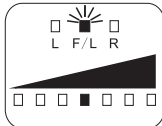
3. Press the buttons to adjust parameters.

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

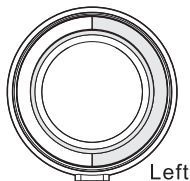
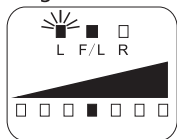
The mode indicator in green is flash mode.

The mode indicator in red is light mode.

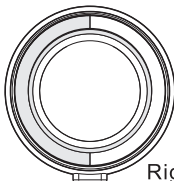
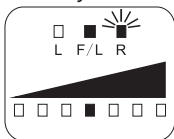
Setting

2.Switching left/right flash head

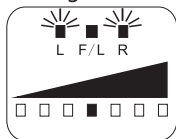
▲ After mode setting, now it enters the left/right flash head selection menu. <L> or <R> flash head indicator blinks, press < + > or < - > button to select single left , single right or all flash head on , press <SET> button again to confirm, and then indicator lamps stop blinking and all setting will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



Left



Right



All

<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>

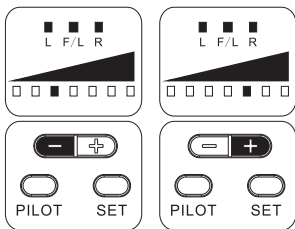
▲ In the flash mode, the flash head will fire by the current left/right setting when testing or using, it suitable for taking photo at close range..

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

Using

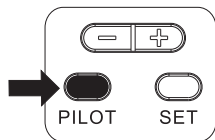
1. Brightness adjustment

▲ 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)

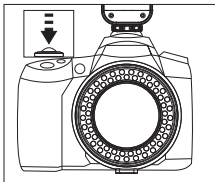
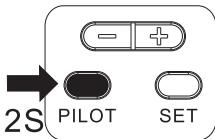
▲ In the flash mode or during the flash mode setting, flash can be tested by short pressing the <PILOT> button once.



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.

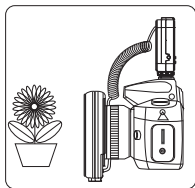
※ This focusing lamp function for both of Canon / Nikon DSLR camera only.



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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Tel: (86) 755-837-62448

Web:www.hkyongnuo.com

Made in China

产品功能简介

首先感谢您选购永诺产品。

•本产品使用58颗高亮LED作为光源，采用高效的电路设计保证光源的稳定输出。控制器不分型号，可安装在市面上绝大部分单反相机品牌机身#，灯头配合转接环可适用于多种口径的微距镜头，拥有闪光模式或常亮模式，7级亮度调节，最高闪光同步速度1/250s*。

•可左灯头、右灯头单独常亮或闪光实现特殊效果，闪光灯头全开模式拍摄微距无阴影，适合静物，花卉，昆虫等近距离拍摄，也适用于牙科等专业领域摄影，也可以使用常亮模式拍摄微距视频。

•产品使用2节1.5V AA电池或外置输入电源，（本产品不含电源）。

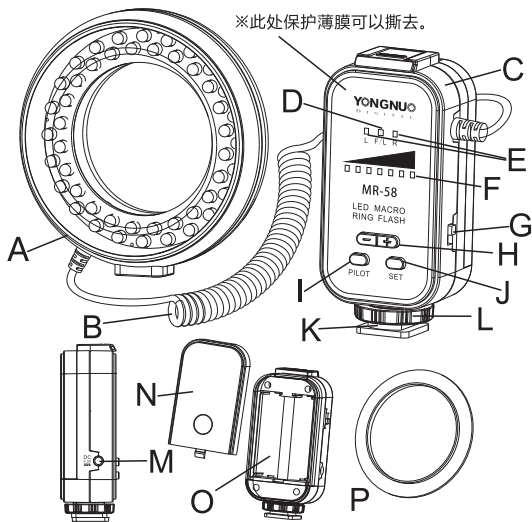
*部分相机与闪光灯的组合同步速度可能更低。

#非标准热靴设计的相机需使用热靴适配器(另购)。

注意事项

- 连接或安装本产品时，请关闭相机以及本产品的电源。
- 长时间不使用本产品时，请将电源关闭，并将电池取出。
- 请保持干燥，勿用湿手接触产品，亦不可将产品浸入水中或暴露雨中，否则可能引起无法正常使用，甚至损坏。
- 请勿在易燃易爆场合中使用，违反此警告可能引起爆炸或火灾。
- 本产品涉及电池，关于电池的使用请严格按照相关规定，否则会引起财产损失或人身伤害。

各部位名称/随附物品



A-灯头 (LED)

B-连接线

C-控制器

D-模式指示灯

E-左右灯头指示灯

F-亮度等级指示灯

G-电源开关

H-亮度/功能选择

I-测试按钮

J-设置按钮

K-热靴固定脚(及触点)

L-锁定环

M-外置电源插座(3.5毫米)

N-电池仓盖

O-电池仓

P-转接环

随附物品

1×MR-58 LED 闪光灯

4×转接环

52mm/58mm/62mm/67mm

1×使用说明书

使用前准备

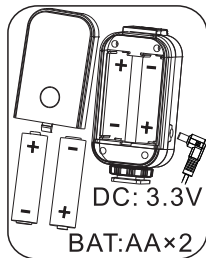
1. 供电

▲可使用两种供电方式，电池供电<BAT>或外接电源<DC>。

A:安装或更换电池:根据电池仓正负极方向安装两节AA电池。当LED灯头亮度明显降低，或工作不稳定时请更换电池。电池即将耗尽时会自动断电，防止电池过放电。

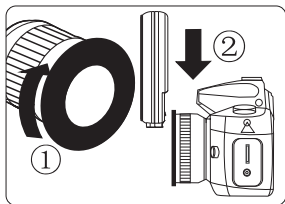
B:连接外接电源：将电源插头插入外接插座。（本产品不含外接电源）

※建议使用两节1.2伏镍氢充电式电池。



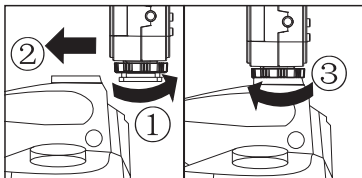
2. 安装转接环、灯头

- 1).使用与镜头滤镜直径相同规格的转接环，旋转转接环于镜头前端的滤镜安装螺纹上。
- 2).将灯头完全卡入转接环，确认灯头安装到位，灯头可以转动。

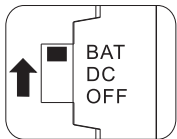


3. 安装控制器

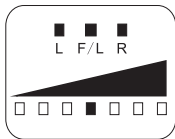
- 1).旋松固定环。
- 2).将热靴固定脚卡入相机热靴插座。
- 3).旋紧固定环。



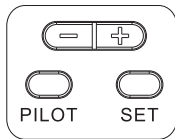
设置



1.将电源开关滑动至【BAT】或【DC】位置选择供电的方式开启电源。



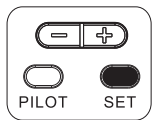
2.开启电指示后指示灯亮,将以上次保存的模式工作。



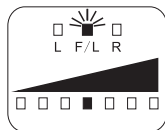
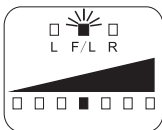
3.按下按钮调节参数。

1.模式切换

- 1).按下<SET>按钮,进入模式选择菜单, <F/L>模式指示灯闪烁。
- 2).按下<+>或<->按键依次在闪光模式和常亮模式中切换,模式指示灯亮绿色为闪光模式,指示灯亮红色为常亮模式。再按一下<SET>按钮确认,模式指示灯停止闪烁,即选中当前模式。

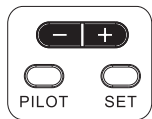


①



模式指示灯亮绿色为闪光模式。

模式指示灯亮红色为常亮模式。

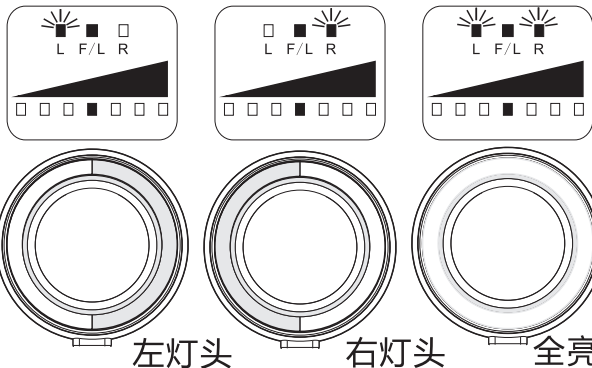


②

设置

2. 切换左右灯头

▲模式设置完毕后，即进入左右灯头选择菜单，<L>或<R>左右灯头指示灯闪烁，按下<+>或<->按钮选择左、右灯单独亮或左右灯全亮，再按一下<SET>按钮确认，指示灯停止闪烁后方可使用，所有设置都已显示出来。



常亮模式

▲在常亮模式下灯头即以当前的左右灯头设置常亮发光，适用于摄像或拍摄。

闪光模式

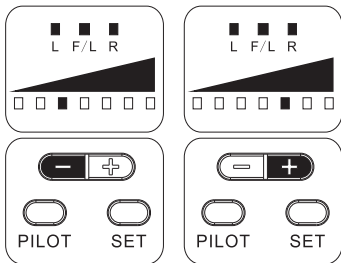
▲在闪光模式下，当测试和使用闪光时以当前左右灯头设置闪光，适用于微距拍摄。

※设置的过程中如8秒内未操作，将自动保存当前工作模式。

使用

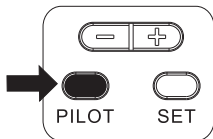
1.亮度输出调节

▲ 在闪光模式与常亮模式下均可调节亮度，共七级亮度。每按下<+>或<->按钮一次增加（或减小）一档亮度，亮度指示灯变化。



2.测试闪光(仅闪光模式)

▲ 设置在闪光模式下或在闪光设置过程中，均可短按一下<PILOT>按钮后松开，测试闪光一次。



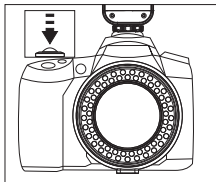
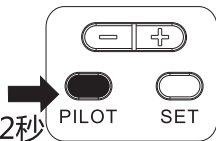
3.辅助对焦灯功能(仅闪光模式)

1). 按住<PILOT>按钮两秒后松开，打开辅助对焦功能。

2). 半按相机快门按钮（即相机测光功能开启）后，灯头将一直微亮，在暗处拍摄可辅助对焦，数秒（相机测光功能关闭）后熄灭。

3). 再按下<PILOT>按钮两秒关闭该功能。

※本辅助对焦灯功能可同时支持佳能/尼康单反数码相机。

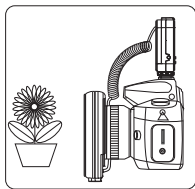


使用

4.使用闪光灯

▲ 设置在闪光模式下，按下按钮调节参数，当按下相机快门按钮时，闪光灯将与相机快门同步闪光。

※本微距闪光灯是专为微距镜头设计，非微距镜头在对焦时镜头可能会转动,建议**在使用非微距镜头时，使用手动对焦(MF)**。



故障排除

1.无法开机(或自动关机)。

• 电池装反或电池耗尽;电池即将耗尽时会自动断电，防止电池过放电。

▲ 按照电池仓指示标志的正确方向安装（更换）电池，并确保电池有电，重新开启电源。（参考第5页）

2.照片曝光过度或曝光不足

• 需调节各参数。

▲ 首先调节闪光灯的亮度,再尝试调节相机的拍摄参数,如光圈/快门/ISO/曝光补偿等。

3.在闪光模式可以测试闪光，按下相机快门时闪光灯不闪。

• 控制器未安装到位，或相机与控制器热靴触点有污迹。

▲ 重新安装控制器,并清洁相机与控制器热靴触点。

※部分单反相机设置在特殊拍摄模式下(如实时显示模式等)可能无法支持本闪光灯，敬请参阅相机制造商之使用说明。

规格

品名：MR-58 LED环形微距闪光灯

光源：58颗高亮LED

模式：闪光模式或常亮模式

闪光同步速度：1/250s*

闪光指数：12

LED亮度：350 lum

灯头切换：全亮或左灯头、右灯头单独点亮

闪光范围：5-100厘米

亮度调节：7级亮度调节

色温：5500k

转接环：52mm、58mm、62mm、67mm

供电方式：2节1.5V AA电池（推荐使用2节1.2V AA充电电池）或外置输入电源3.3V 1.5A(不含)

工作时间：约1.5小时(常亮模式，使用1.2V镍氢充电电池)

体积：控制器92.7*43.5*29mm 灯头108*108*27mm

重量：162克

*部分相机与闪光灯的组合同步速度可能更低。

※所有规格参数是基于本公司的测试，本手册提到的所有注册商标均归其所有者拥有，设计规格或本用户手册如有变更，恕不另行通知。

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