PHOTO
capture the spot™

Pro Series
Universal 2 in 1
LED Macro Ring Light & Flash

Step Rings 52-77mm included

Item # XTLMRUN

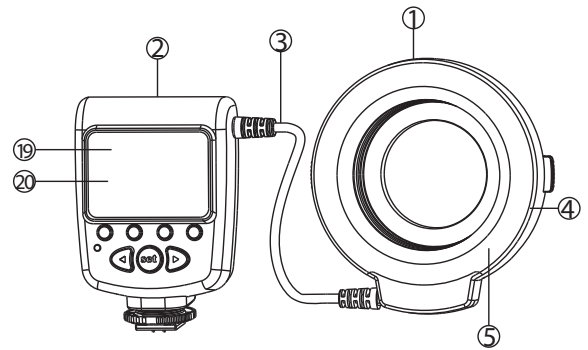
INSTRUCTION MANUAL

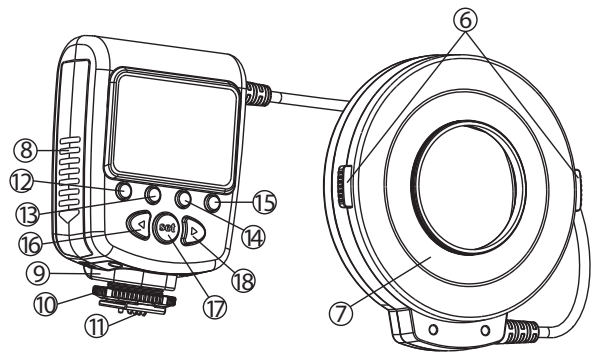
designed for

52-77mm Lenses & D-SLR

Components

1.The annular lamp installed on the camera's lens
2.The main body of flash installed on camera hot shoes
3.Extends line
4.Translucent diffuser
5.Annular flash LED light
6.Lock
7.Pick ring
8.Battery storehouse cover
9.Hot shoes base
10.Fixed knob
11.Hot shoes contacts
12.Test button(PILOT)
13.Mode switch button
14.Vacancy button
15.The power switch(ON/OFF)
16.The power adjustment button(left direction button)
17.SET key:power fine-turning button
18.The power adjustment buoon(right direction button)
19.Mode indicat or(LIGHT,FLASH,L,R)
20.Output power indicator





Introduction

Main Function

- 32 pieces high intensity LED Lights. Can be used as as an instant flash or for non-stop light photo shooting.
- Seven levels of luminance.
- Left and right flash function make the object appeared third dimension.
- Perfect for macro photography, scientific research, medical and personal hobbies of photography.
- Step rings 52-77mm included.

Read this instruction before using the flash. Keep this manual for future references.

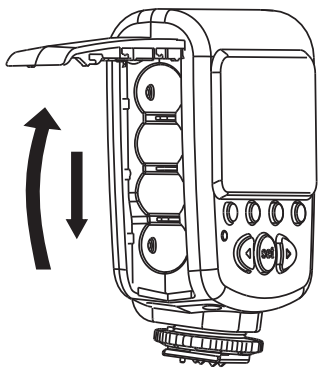
1. Do not intend to disassemble any parts of the product by yourself to avoid short-sircuit or burnout.
2. Do not fire a flash directly towards your eyes.
3. If the flash is not being used for an extended period of time, please remove the batteries from the flash to prevent battery leakage.
4. Do not use batteries of different capacities, types or brands.
5. Always keep this product in dry location.

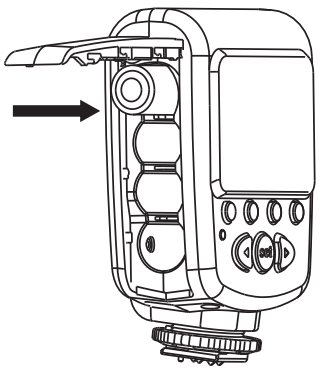
6. When using the flash, be careful not to drop the product to avoid collision & damage to the product.
7. Store the product in dry area & avoid direct sunlight.
8. Do not use thinner, gasoline or chemical cleaner to clean the flash. Use only recommended cleaner & cloth to clean the flash unit.

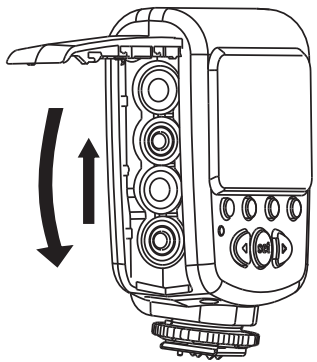
Installation

Insert Batteries

1. Slide tge battery compartment cover in the direction of the arrow to open it.
2. Insert the batteries according to the direction on the battery comartment cover, ensure that the battery contact are aligned to the correct polarity.
3. Slide the battery compartment cover in the direction of the arrow to close it.







Note: Please use 4pcs standard AA batteries. Please do not use damaged batteries, so as to avoid short circuit.

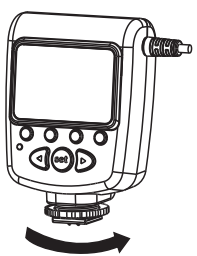
Installation

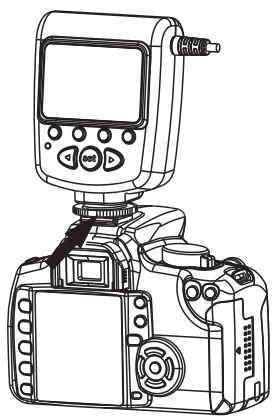
Installing the flash control body

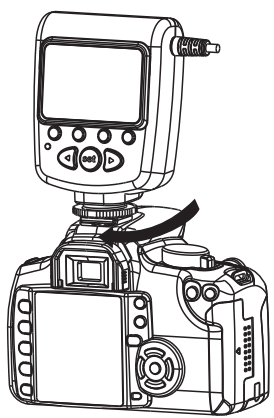
1. Rotate the locking ring in the direction of the arrow to the highest point.
2. Mount the flash into the camera's hotshoe completely.
3. Turn the locking ring in the direction of the arrow to tighten.

Detaching the flash control body

1. To detach the flash, lossen the locking ring to the top, then remove the flash from the camera's hot shoe.







Installation

Mount the flash product on the lens

This product is equipped with the following adapter ring sizes:
52m, 55mm, 58mm, 62mm, 67mm, 72mm and 77mm

1. According to the lens diameter, choose the matching adapter ring size to install to the lens.
   Note: Do not over-tighten the filter.

2. Press the annular light lock and place on the lens with adapter rings. Loosen the lock button.
   The annular light is locked now lock with the adapter ring.
   Note: Lightly shake the flash light after installation to make sure products are securely installed.

Basic functions

1.Basic Operations

Operation of the buttons:

Components	Operation
<Power Switch>	The power of flashlight can be opened or closed by holding this button for 2 seconds.
<Mode Switch Button>	Press once, the mode will change among the FLASH/L/R.
<LEFT>and <RIGHT> button	Press this button to adjust the output power of the flash.
<Light> button	Press this button to keep the flash lights on. Used in video shooting and macro photography.
<Pilot> Button	Press this button to test the input brightness of the speedlite.

Power Indication

1. Output power indication

M/S1/S2 Model Output Control	
<Model Output Power Indicator> State	Output Power
☼ ○ ○ ○ ○ ○ ○	1/64
○ ☼ ○ ○ ○ ○ ○	1/32
○ ○ ☼ ○ ○ ○ ○	1/16
○ ○ ○ ☼ ○ ○ ○	1/8
○ ○ ○ ○ ☼ ○ ○	1/4
○ ○ ○ ○ ○ ☼ ○	1/2
○ ○ ○ ○ ○ ○ ☼	1/1

Basic functions

Turn on/off the flash
The power of the flashlight can be turn off when pressing the power switch ON/OFF button for 2 seconds.

Light mode
Press on the <LIGHT> button to enter into the LIGHT mode, this mode is ideal for video shooting and special photography.

Flash mode
Press on the <Mode Switch> button to enter into the Flash mode.

L and R mode
Press on the <L> button to turn on the left annular light and <R> button to turn on the right annular flash. This function gives the picture more dimensions.

Brightness adjustment
Use the left-right direction key to adjust the annular light brightness.

X Possible problems during use and solutions

1. Photos are under exposure or over exposure?Check if the set shutter,aperture and ISO are too near the flash limit or if some settings including exposure compensation in relation to flassh are proper.
2. Vignetting appears in photos or only part of the subject is illuminated?Please check the current coverage of focal length and make sure if the lens focal length exceeds the coverage range of the flash. This can be resolved by adjusting the camera focus to 50cm or outnumber 50cm.
3. Flashlight does not fire:
   a. Drained batteries - replace new batteries.
   b. Batteries polarities are placed incorrectly -make sure the batteries are aligned to the correct polarity.
   c. Flash light or metal od the camera becomes smudgy - clean it then reinstall to the camera.
4. The flash light is abnormal?
   Switch off the powr of flash light and camera,mount the flash light on the hot shoe of camera, and switch on the power of flash light and camera again, If the abnormity continues,replace the batteries.

Specifications

Flash GN :	35
Effective Flash Scope :	5CM - 1.5M
Color Temperature :	5500K
Exposure Time :	1/100 seconds
Power Supply :	4xAA batteries (not included)
Weight :	167.2g

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