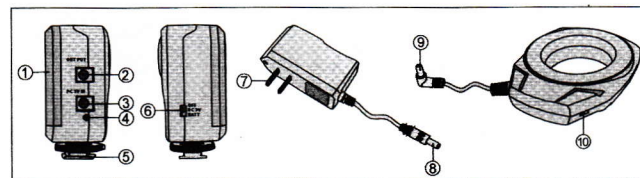


Macro LED Ring Light **RING48**

Instruction Manual

1. Names of Principal Parts



- ① Battery Pack
- ② Power Output Jack
- ③ 3V DC Power Input Jack
- ④ Power Indicator Lamp
- ⑤ Hot Shoe
- ⑥ Power and Power Mode Controller
 - Off: Power Off
 - DC 3V: Power Supply By Charger
 - Batt: Power Supply By Battery
- ⑦ Charger Input Plug
- ⑧ Charger 3V Output Plug
- ⑨ Ring Head Power Input Plug
- ⑩ LED Mode Controller

2. Power Matters:

2 ways of power supply are available for this Macro LED Ring light:

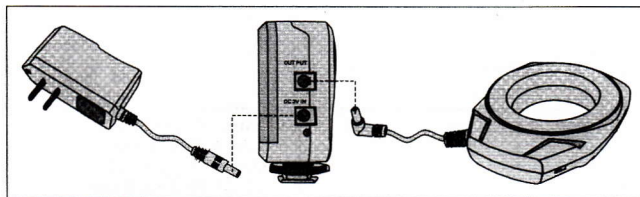
- 1) 2 AA alkaline dry batteries or rechargeable Ni-MH batteries.
- 2) Exclusive charger for 3V power supply.

Warning: This charger is only used for LED light. Do not use it for the rechargeable battery

3. Attention:

- 1) Clean the ends of battery to make sure the good connection.
To avoid battery explosion, fluid leakage or overheating, please use the same model and brand new two AA batteries, not to mix old and new batteries or different models for use .
- 2) Do not dismantle or drain batteries or put batteries in water or fire, which may cause explosion. Do not charge the batteries except lithium and cadmium cell.
- 3) Remove the batteries if you don't use the lamp for a long time.

4. Using Method:



- 1) Power Controller Installation
Attach hot shoe onto the camera hot shoe mount and rotate to tighten the hot shoe locker ring.
- 2) Installation of Macro LED Ring light head to the camera
6 types of adapter rings available to suit the camera lens: 49mm, 52mm, 55mm, 58mm, 62mm, and 67mm.
- 3) How to Use
 - A. Power Supply By Battery
Install the battery and switch the power controller to "BATT"
 - B. Power Supply By Charger
Insert the round plug of charger into the 'DC3V' of power controller, and connect the other end with the AC power. And then turn the power switch of power controller to "DC3V".
Warning: Do not leave the rechargeable battery in the power controller when it is being charged.
- 4) Lens Usage
Designed for Macro-lens, the LED light can be used with other types of lens, but please take note the followings:
Some lens might turn after the installation of this LED ring head, which may affect camera focusing. Please use manual focus when apply this kinds of lens.

Important notes

- # Due to its high power consumption, we strongly recommend rechargeable batteries. If common 1.5V battery is used, the light effect will be dimmer and the service time shorter.
- # Turn off the power when the ring light is not used due to the high power consumption.

5. Specifications:

Effective Distance	3cm-100cm(1.1-40inches)
Power Rate	Semi Power, Full Power
Service Time (2 AA Nickel-hydrogen Batteries)	About 1.5 hours
Size	①Power Controller: 9.1*4.4*4.4 cm ②Macro Ring Flash: 12.8*10.3*2.8 cm
Weight	165g (without batteries)
LED	48 PCS
Color Temperature	5500K ~ 6500K

6. Contents:

Macro ring head 1PC
Charger 1PC
Power controller 1PC
Adapter ring 6PCS (49mm, 52mm, 55mm, 58mm, 62mm, and 67mm)

7. Notice:

- 1) Avoid clash or falling when used.
- 2) Do not use the flash in extreme high or cold temperature or in dampness.
- 3) Do not clean the stains or fingerprint with thinner, benzene or other detergents. Clean the light with soft wet cloth.
- 4) If the light comes from a colder room to a warmer room, condensation will happen inside LED light and can damage the product. Do not use the product until it reaches the room temperature.
- 5) Keep it in dry, cool place with good ventilation when not used.

We keep improving our products to meet the need of market, so any subtle changes may not be updated in the manual. Sorry for the inconvenience.

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