



Godox ML-150 Macro Ringflash User Manual

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MACRO RINGFLASH

ML-150



INSTRUCTION MANUAL

Chinese English Bilingual

Before using the product, make sure to read through this instruction manual. Familiarity with connecting, operating or adjusting procedures will help you obtain the best performance. Keep the manual for future reference.

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FOREWORD

Thank you for choosing this GODOX product. GODOX Macro Ring Flash ML-150 is the perfect choice for photographers who require shadow free illumination. It is extremely effective for medical, forensic, scientific, and small commodities photography. Adopting the CPU control circuit, the flash provides high-quality and high-precision, its power output lowest to 1/16.

WARNING!

- ⚠ Always keep this product from rain or damp in order to prevent fire or electric shock.
- ⚠ The flash unit contains high voltage electric parts, do not try to open or repair the flash unit. If you touch the high-voltage circuit inside this product, electric shock may occur. Return it back to the nominated repair service station.
- ⚠ If the unit is extruded, fallen, suffered from strong impact and thus its inside is exposed, stop using immediately so as to prevent electric shock leading from touching the inside electric components. ⚠ Do not fire the flash direct to the eyes at short distances (especially baby's eyes), or it may cause damage to the eyes. When taking flash picture toward baby, it is recommended to keep the flash unit at least 1 meter (3.3 feet) away from the subject. Or use diffuser or bounce the light to soften its intensity.
- ⚠ Always keep the battery or anything easy to be gulped out of children's reach. In case of gulping due to carelessness, please contact a doctor immediately.
- ⚠ When there is caustic liquid leakage inside, it is necessary to wear gloves to take out the batter.
- ⚠ Do not use the flash unit in the flammable gas, chemical or such liquids. These materials may be sensitive to the flash from the unit in some circumstance. It may cause fire or electromagnetic interference.
- ⚠ Do not leave or store the flash unit in temperature over 40 (such like in the automobile), or it may damage the electronic components. ⚠ The flash unit isn't water resistant. Please keep it away from rain or humidity.
- ⚠ If the flash unit is idle for long, please take out all batteries and keep the flash unit in dry area.

NOMENCLATURE



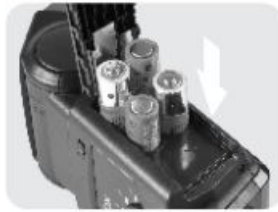
1. Ring Flash Head
2. Locking Ring
3. Hot Shoe Stand
4. Dedicated Hot Shoe Contact
5. Output Level Indicator
6. Flash Power Level Button
7. Test Button
8. Battery Chamber Cover
9. Power Switch
10. Charging Indicator
11. External Power Pack Terminal Cover
12. External Power Pack Terminal
13. PC Sync Socket Cover
14. PC Sync Socket

INSTALLATION

Installing Batteries



1. Open the Battery Chamber Cover. Slide the battery chamber cover along the arrow direction and then open it by thumb.



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



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

NOTE: Take care of the hot battery when changing them after continuous flashes. Take out of the battery when idle in case the battery leakage damages the flash unit.

Mounting Ring Flash on the Camera

1. Attach the Control Unit on the Camera



● Twist the mounting lock anticlockwise to loosen it to the highest point.



● Slide the mounting foot of control unit into the camera's hot shoe completely.



● Twist the mounting lock clockwise to tighten it.

2. Attach the Flash Ring on the Camera. 6 types of adapter rings available to suit the camera lens: 49mm, 52mm, 55mm, 58mm, 62mm and 67mm. Choose the adapter ring needed for your camera and attach to the camera lens. Mount the flash ring onto the adapter ring.

USING RING FLASH

Power Management

NOTE: After use, slide the power switch to OFF position.

1. Switch to the ON, the flash will start charging (the charging indicator is dim). After several seconds, the charging indicator turns red and the macro ring flash is ready to shoot. For a test flash, press the test button. After use, slide the power switch to OFF position to power off.
2. If the red charging indicator lamp flickers in every 1s, it indicates low battery. In such case, the power will turn off automatically and you need to replace the batteries.

Output Control

The flash unit has 5 steps of power output control which indicated by 5 pieces of LED lamp for different level.

Press “+” to make power higher and they are 1/16, 1/8, 1/4, 1/2, 1/1, otherwise, press “-” to make power lower.

Synchronization Function

The ring flash and camera will trigger synchronously by using a PC sync cord to connect the sync terminals of the camera and the ring flash together.

Power Saving Function

The flash unit is equipped with power saving mode. When idle for about 30 minutes, it will enter “deeper sleep” state automatically to save power. In this case, the charging indicator flicks every 3 seconds. To restart the unit, just press any button.

Protection Function

1. Protection in Continuous Flashes

To prevent the flash head from getting too hot and damage, please do not flash over 50 times when in power level 1/2, 1/1. Please cool down the flash unit for at least 10 minutes. The over-temperature protection function will be activated if you continue to flash after 50 times. In this case, the charging time will turn to 10-25s. Please cool down the flash unit around 10 minutes and it will turn to normal state.

Number of flashes that will activate over-temperature protection:

Power Output	Flashes (Approx.)
1/1, 1/2	50
1/4, 1/8	100
1/16	200

2. Systematic Over-temperature Protection

When the inner circuit is over-heating, which indicates over use of the flash unit, the inner circuit will shut down power automatically. The flash unit will turn to normal state after the inner circuit is cooled down (about 10 minutes).

SPECIFICATIONS

Name	Specifications
Guide Number	10(m ISO 100)
Power	4x AA batteries(Alkaline or Ni-MH are usable)
Flash Times	300-1000 times(AA alkaline batteries used)
Recycle Time	Approx. 0.1~2S(AA alkaline batteries used)
Color Temperature	5600K+200K
Flash Duration	1/300S-1/5000S
Dimension	①Ring Flash Head 128*103*28 mm ②Control Unit 75*50*160 mm
Net Weight	370g

Packaging Includes:

Ring Flash...(1)

Instruction Manual...(1)

Adapter Rings 49mm, 52mm, 55mm, 58mm, 62mm and 67mm

OPTIONAL ACCESSORIES



Power Pack for Speedlite.



Power Flash Connecting Cable.

To provide power supply for Speedlight, shorten the recycle time, up to 300~1000 flashes at full power.

Cx(Canon), Nx(Nikon), Sx(Sony), Mx(Metz)

To connect the speedlite and power pack, dedicated cable available for different speedlite.

GODOX Photo Equipment Co., Ltd.

1st to 4th Floor, Building 2/ 1st to 4th Floor, Building 4, Yaochuan Industrial Zone, Tangwei Community, Fuhai Street, Bao'an District, Shenzhen 518103, China

Tel: +86-755-29609320(8062)

E-mail: godox@godox.com

705-ML1500-00

Fax: +86-755-25723423

<http://www.godox.com>

Made In China



Documents / Resources

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References

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