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› YONGNUO YN-14EX TTL Macro Ring Flash User Manual for Canon EOS DSLR Cameras

YONGNUO YN-14EX

YONGNUO YN-14EX TTL Macro Ring Flash User Manual

Model: YN-14EX

1. INTRODUCTION

The YONGNUO YN-14EX is a high-performance TTL Macro Ring Flash designed for Canon EOS DSLR cameras. It features a dual-lamp ring flash design, offering flexible lighting for macro photography without vignetting or shadows. This manual provides essential information for the safe and effective use of your YN-14EX flash unit.



Image: YN-14EX Macro Ring Flash mounted on a camera.

2. SAFETY PRECAUTIONS

- Do not disassemble or attempt to repair the unit yourself. Refer all servicing to qualified personnel.
- Keep the unit dry. Do not expose it to rain, moisture, or high humidity.
- Avoid direct eye exposure to the flash light, especially at close range, as it may impair vision.
- Use only specified batteries (AA size). Ensure correct polarity when inserting batteries.
- Remove batteries if the unit will not be used for an extended period to prevent leakage.
- Do not operate the flash in the presence of flammable gases or liquids.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- YONGNUO YN-14EX Macro Ring Flash Unit
- Instruction Manual (English and Chinese)
- Adapter Rings (52mm, 58mm, 67mm, 72mm)
- Protective Bag
- Color Temperature Filters (White, Red, Fluorescent Green, Warm Yellow)



Image: YN-14EX Macro Ring Flash and its included accessories.

4. PRODUCT OVERVIEW

The YN-14EX consists of a controller unit and a ring flash unit.

4.1 Controller Unit

The controller unit houses the batteries, LCD display, and control buttons. It mounts onto your camera's hot shoe.



Image: YN-14EX Controller Unit and Ring Flash Unit.

4.2 Ring Flash Unit

The ring flash unit attaches to the front of your camera lens via an adapter ring. It features two flash tubes (A and B) and LED AF assist lamps.



Image: YN-14EX Ring Flash Unit.

5. SETUP

5.1 Battery Installation

1. Open the battery compartment cover on the controller unit.
2. Insert four AA-size batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.



Image: Battery compartment of the YN-14EX controller unit.

5.2 Attaching Adapter Rings

Select the appropriate adapter ring (52mm, 58mm, 67mm, or 72mm) that matches your camera lens filter thread size. Screw the adapter ring onto the front of your camera lens.

5.3 Mounting the Ring Flash Unit

Attach the ring flash unit to the adapter ring on your lens. Ensure it is securely fastened.

5.4 Mounting the Controller Unit

Slide the controller unit onto your camera's hot shoe. Tighten the locking wheel to secure it in place. Connect the coiled cable from the ring flash unit to the controller unit.



Image: Hot shoe mount of the YN-14EX controller unit.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Press the **ON/OFF** button on the controller unit to power the flash on or off.

6.2 Flash Modes (TTL/M)

Press the **MODE** button to switch between TTL (Through-The-Lens) and M (Manual) flash modes.

- **TTL Mode:** The flash output is automatically controlled by the camera's metering system.
- **Manual Mode:** You can manually set the flash output level (7 levels of output control, 19 levels of fine tuning).

6.3 Flash Ratio Control (A/B Tubes)

The YN-14EX allows independent control over the output of flash tubes A and B. This enables creative lighting effects, such as creating shadows for a sculptural effect. Use the **RATIO** button and navigation controls to adjust the ratio.



6.4 Advanced Functions

The YN-14EX supports various advanced functions accessible through the camera's menu (for Canon cameras) or the flash unit's controls:

- **Exposure Compensation (FEC):** Adjust flash output to fine-tune exposure.
- **Flash Exposure Bracketing (FEB):** Automatically takes three shots at different flash exposures.
- **Rear-Curtain Sync:** Fires the flash just before the second curtain closes, creating motion blur behind the subject.
- **Flash Exposure Lock (FE Lock):** Locks the flash exposure for a specific area.
- **Custom Functions (Fn):** Personalize flash settings.
- **LED AF Assist Lamp:** Provides auxiliary light for autofocus in low-light conditions.
- **Sound Prompt System:** Audible alerts for flash readiness and other operations.
- **External Power Socket:** Connect an external power pack for faster recycling times and extended use.
- **Color Temperature Filters:** Use the included magnetic filters (White, Red, Fluorescent Green, Warm Yellow) to adjust the color temperature of the flash output.
- **PC Sync Port:** Standard 2.5mm PC synchronous interface for wired triggering.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the flash unit. For stubborn dirt, use a slightly damp cloth and then dry thoroughly. Do not use solvents or abrasive cleaners.
- **Battery Care:** Always remove batteries when the flash is not in use for extended periods. Store batteries in a cool, dry place.
- **Storage:** Store the flash unit in its protective bag in a cool, dry, and dust-free environment.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flash does not fire.	Batteries are depleted or incorrectly inserted. Flash is not securely mounted on the hot shoe. Camera flash settings are incorrect.	Replace batteries or ensure correct polarity. Re-mount the flash and tighten the locking wheel. Check camera's external flash settings.
Slow recycling time.	Batteries are low. Using non-rechargeable or low-quality batteries.	Replace with fresh, high-quality alkaline or rechargeable batteries. Consider using an external power pack.
Battery compartment cover does not close securely.	Manufacturing tolerance issue.	Ensure batteries are fully seated. If issue persists, contact support.
Flash unit or batteries become hot during use.	Frequent, rapid firing at high power. Faulty batteries.	Allow the flash to cool down between bursts. Use high-quality batteries. If overheating is severe or persistent, discontinue use and contact support.

9. SPECIFICATIONS

Feature	Detail
Brand	YONGNUO
Model	YN-14EX
Compatible Mounts	Canon EOS
Guide Number	14 (ISO100, 105mm)
Flash Mode	TTL, M
Recycle Time (Full Power)	Approx. 3 seconds
Color Temperature	5600 Kelvin
Flash Sync Speed	1/200s
Connection Technology	Wired (Hot Shoe, PC Sync)
Wireless Technology	Optical Pulse (for TTL communication)
Power Source	4 x AA batteries (not included)
Dimensions (D x W x H)	19.1 x 15 x 12.7 cm (approx.)
Item Weight	723 Grams
Included Adapter Rings	52mm, 58mm, 67mm, 72mm

10. WARRANTY AND SUPPORT

10.1 Warranty Information

Specific warranty terms may vary by region and retailer. Please refer to the warranty card included with your product or contact your point of purchase for detailed warranty information. Keep your purchase receipt as proof of purchase.

10.2 Customer Support

For technical assistance, troubleshooting, or further inquiries, please visit the official YONGNUO website or contact their customer support.

Official YONGNUO Support Website: <http://www.hkyongnuo.com/xzyzc>

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question