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› YONGNUO YN42.5MM F1.7M II Micro Four Thirds Lens Instruction Manual

## YONGNUO YN42.5mm F1.7M II

# YONGNUO YN42.5MM F1.7M II Lens Instruction Manual

Model: YN42.5mm F1.7M II

## 1. INTRODUCTION

Thank you for purchasing the YONGNUO YN42.5MM F1.7M II Medium Auto Focus Fixed Prime Lens. This lens is designed for Micro Four Thirds (M4/3) cameras, offering a versatile 42.5mm focal length and a bright F1.7 large aperture. It is compatible with various Olympus and Panasonic camera models. This manual provides essential information for safe and effective operation.

Key features include:

- **F1.7 Large Aperture:** Enables excellent low-light performance and beautiful background blur (bokeh).
- **Optical Design:** Features 9 blades in 8 groups, including 2 ED ultra-low dispersion lenses, for high image quality.
- **Focus Modes:** Supports both Auto Focus (AF) and full-time Manual Focus (MF) for flexible control.
- **STM Stepper Motor:** Equipped with a high-speed and high-precision STM stepper motor for fast, quiet, and accurate focusing.
- **Close Focusing:** Minimum focusing distance of approximately 0.30m with a maximum magnification of about 0.15 times.

## 2. WHAT'S IN THE BOX

Please check the contents of your package to ensure all items are present:

- 1 x YONGNUO YN42.5MM F1.7M II Lens
- 1 x Lens Front Cover
- 1 x Lens Rear Cover
- 1 x Instruction Manual (this document)



Image: The YONGNUO YN42.5MM F1.7M II lens, its packaging, front and rear lens caps, and the instruction manual.

### 3. SETUP AND INSTALLATION

#### 3.1 Attaching the Lens to Your Camera

1. Ensure your camera is powered off before attaching or detaching any lens.
2. Remove the rear lens cap from the YN42.5MM F1.7M II lens and the body cap from your camera. Avoid touching the lens elements or the camera's sensor.
3. Align the white mounting index mark on the lens with the corresponding mark on your camera's lens mount.
4. Insert the lens into the camera mount and rotate it clockwise until it clicks into place. Do not force the lens.
5. Remove the front lens cap. Your lens is now ready for use.



Image: Rear view of the lens showing the Micro Four Thirds mount and electronic contacts. Ensure these contacts are clean before mounting.

### 3.2 Detaching the Lens

1. Power off your camera.
2. Press and hold the lens release button on your camera body.
3. Rotate the lens counter-clockwise until it detaches from the camera body.
4. Immediately attach the rear lens cap to the lens and the body cap to the camera to protect them from dust and damage.

## 4. OPERATING INSTRUCTIONS

### 4.1 Focus Mode Switch (AF/MF)

The YN42.5MM F1.7M II lens features a switch to select between Auto Focus (AF) and Manual Focus (MF) modes.

- **AF (Auto Focus):** In this mode, the camera will automatically focus on your subject. This is suitable for most general photography.
- **MF (Manual Focus):** In this mode, you manually adjust the focus ring on the lens to achieve focus. This is useful for precise focusing in specific situations or when auto-focus struggles.



Image: Side view of the lens highlighting the AF/MF switch for selecting focus mode.

## 4.2 Aperture Control

The lens has a maximum aperture of F1.7. Aperture control is managed through your camera body. Refer to your camera's instruction manual for details on adjusting aperture settings. A wider aperture (smaller f-number like F1.7) allows more light in and creates a shallower depth of field, blurring the background.



Image: The YN42.5MM F1.7M II lens mounted on a camera, illustrating the effect of a large F1.7 aperture on background blur.

#### **4.3 Minimum Focusing Distance**

This lens can focus as close as 0.30 meters (approximately 1 foot), allowing for detailed close-up shots with a maximum magnification of 0.15 times.

# YN42.5mm F1.7M II

S t a n d a r d P r i m e L e n s



F1.7  
LARGE APERTURE



PERFECT LENS  
FOR PORTRAIT



STM  
STEPPING MOTOR



MICRO  
4/3



Image: The lens barrel displaying the minimum focusing distance of 0.3m/1.0ft and 0.15x magnification.

## 4.4 Compatible Cameras

This lens is designed for Micro Four Thirds (M4/3) system cameras. Compatible models include, but are not limited to:

- **Olympus:** E-M5 Mark II, E-M10 Mark III, E-M10 IV, E-PL9, E-PL10, PEN-F
- **Panasonic:** G100, GH5, G9, G95, G85, GX9, GX85, GF-10, GF-9, GF-8

## 5. MAINTENANCE AND CARE

- **Cleaning the Lens:** Use a soft, lint-free cloth or a lens brush to remove dust. For smudges or fingerprints, use a specialized lens cleaning solution and a microfiber cloth. Apply solution to the cloth, not directly to the lens.
- **Storage:** When not in use, always attach the front and rear lens caps. Store the lens in a dry, cool place, away from direct sunlight and extreme temperatures. Consider using a dehumidifying cabinet if you live in a humid environment.
- **Avoid Impact:** Protect the lens from drops and impacts, which can damage internal components or optical

alignment.

- **Water and Dust:** This lens is not water-resistant. Avoid exposure to rain, splashes, or excessive dust.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lens not recognized by camera	Lens not properly mounted; dirty electronic contacts.	Re-attach the lens, ensuring it clicks into place. Clean the electronic contacts on both the lens and camera with a clean, dry cloth.
Auto Focus is slow or inaccurate	Low light conditions; subject lacks contrast; AF/MF switch in MF position.	Ensure adequate lighting. Switch to MF mode for precise manual focusing. Check if the AF/MF switch is set to AF.
Images are blurry	Incorrect focus; camera shake; dirty lens element.	Verify focus. Use a faster shutter speed or tripod to prevent camera shake. Clean the front and rear lens elements.
Cannot change aperture	Camera settings issue; lens not communicating with camera.	Ensure the lens is correctly mounted. Check your camera's shooting mode (e.g., not in a fully automatic mode that overrides aperture control).

## 7. SPECIFICATIONS

Feature	Detail
Brand	YONGNUO
Model Name	YN42.5mm F1.7M II
Focal Length	42.5mm (Fixed)
Maximum Aperture	F1.7
Minimum Aperture	F22 (typical for prime lenses)
Lens Mount	Micro Four Thirds (M4/3)
Lens Type	Standard Prime Lens
Optical Design	9 elements in 8 groups (including 2 ED lenses)
Diaphragm Blades	7 blades
Focus Type	Auto Focus (STM Stepper Motor) / Manual Focus
Minimum Focusing Distance	0.30m (1.0ft)
Maximum Magnification	0.15x
Filter Size	52mm
Image Stabilization	No (relies on camera body IS if available)
Color	Black

*Note: Specifications are subject to change without notice.*

## 8. WARRANTY AND SUPPORT

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This YONGNUO YN42.5MM F1.7M II lens comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper storage.

For warranty claims or technical support, please contact your retailer or YONGNUO customer service. Keep your proof of purchase for warranty validation.

For the latest support information and contact details, please visit the official YONGNUO website:

[www.yongnuo.com.cn](http://www.yongnuo.com.cn)

## 9. PRODUCT VIDEO

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Your browser does not support the video tag.

Video: An official YONGNUO video showcasing the YN42.5mm F1.7M II Prime Lens, highlighting its design and features.