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› **OM SYSTEM OLYMPUS MC-14 1.4X Teleconverter Instruction Manual**

Olympus V321210BU000

OM SYSTEM OLYMPUS MC-14 1.4X Teleconverter Instruction Manual

Brand: Olympus

INTRODUCTION

This manual provides detailed instructions for the proper use, setup, and maintenance of your OM SYSTEM OLYMPUS MC-14 1.4X Teleconverter. Designed to extend the focal length of compatible Olympus M.Zuiko Digital PRO lenses, this teleconverter enhances your photographic capabilities by bringing distant subjects closer without compromising image quality.

PRODUCT OVERVIEW

The OM SYSTEM OLYMPUS MC-14 1.4X Teleconverter is a high-performance accessory designed to seamlessly integrate with specific Olympus M.Zuiko Digital PRO lenses. It extends the focal length by 1.4 times, allowing for greater reach while maintaining the optical integrity and weather-sealed properties of the master lens.

- **Special teleconverter for Olympus 40-150mm f/2.8 PRO lens:** Specifically engineered to work with the M.Zuiko Digital ED 40-150mm f/2.8 PRO lens.
- **Increases maximum focal length to 420mm equivalent:** When attached to the 40-150mm f/2.8 PRO, the effective focal length becomes 56-210mm (112-420mm equivalent in 35mm format).
- **Preserves dust, splash and freezeproof properties of master lens:** The robust construction ensures that the weather-sealing of your PRO lens is maintained, allowing for use in challenging environments.
- **Compatible with announced Olympus 300mm f4.0 PRO lens:** Also fully compatible with the M.Zuiko Digital ED 300mm f/4.0 IS PRO lens, extending its reach to 420mm (840mm equivalent in 35mm format).
- **Aperture Impact:** When using the 1.4x teleconverter, there is a loss of 1 stop of light. For example, an f/2.8 lens will operate at a widest aperture of f/4.0.



Figure 1: Front view of the OM SYSTEM OLYMPUS MC-14 1.4X Teleconverter, showing the lens mount and optical elements.



Figure 2: Side view of the OM SYSTEM OLYMPUS MC-14 1.4X Teleconverter, highlighting its compact profile.



Figure 3: Top view of the OM SYSTEM OLYMPUS MC-14 1.4X Teleconverter, showing the "M.ZUIKO DIGITAL 1.4x TELECONVERTER MC-14" inscription.



Figure 4: Rear view of the OM SYSTEM OLYMPUS MC-14 1.4X Teleconverter, showing the camera mount and electronic contacts.

COMPATIBILITY

The MC-14 1.4X Teleconverter is designed exclusively for use with the following Olympus M.Zuiko Digital PRO lenses:

- M.Zuiko Digital ED 40-150mm f/2.8 PRO
- M.Zuiko Digital ED 300mm f/4.0 IS PRO

It is not compatible with other lenses due to specific optical and mechanical requirements.

SETUP AND ATTACHMENT

- Prepare the Lens and Camera:** Ensure both your camera body and the compatible PRO lens are clean and free of dust. Turn off the camera before attaching or detaching any lenses or accessories.
- Attach Teleconverter to Lens:** Align the red dot on the MC-14 teleconverter with the red dot on the rear of your compatible PRO lens. Gently twist the teleconverter clockwise until it clicks into place, indicating a secure connection.
- Attach Lens Assembly to Camera:** Align the red dot on the teleconverter (now attached to the lens) with the red dot on your camera body's lens mount. Gently twist the entire lens-teleconverter assembly clockwise until it clicks into place.
- Verify Connection:** Ensure both connections are secure and there is no wobble.

Always handle the teleconverter and lenses by their barrels, avoiding contact with the glass elements or electronic contacts.

OPERATING CONSIDERATIONS

When using the MC-14 1.4X Teleconverter, be aware of the following operational changes:

- Focal Length Extension:** The teleconverter multiplies the focal length of the attached lens by 1.4x. For example, a 40-150mm lens becomes a 56-210mm lens.
- Aperture Reduction:** The maximum aperture of the lens will be reduced by one stop. For instance, an f/2.8 lens will have a maximum aperture of f/4.0 when the teleconverter is attached. This means less light will reach the sensor, which may require adjusting ISO or shutter speed in low-light conditions.
- Autofocus Performance:** While designed to maintain excellent autofocus speed, extreme low-light conditions or very fast-moving subjects might slightly impact performance compared to the bare lens.
- Image Quality:** The MC-14 is engineered to minimize degradation, but any teleconverter will inherently introduce a slight reduction in optical performance compared to the bare lens. However, the PRO series lenses and MC-14 are designed to maintain very high image quality.

MAINTENANCE AND CARE

Proper care will ensure the longevity and performance of your teleconverter:

- Cleaning Lens Elements:** Use a soft, lint-free microfiber cloth specifically designed for optical lenses. For stubborn smudges, use a small amount of lens cleaning fluid applied to the cloth, not directly to the lens.
- Cleaning Body:** Wipe the exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- Storage:** When not in use, store the teleconverter with both front and rear caps attached in a dry, cool place away from direct sunlight and extreme temperatures.
- Dust and Moisture:** Although weather-sealed, avoid unnecessary exposure to dust, dirt, rain, or snow. If exposed, wipe dry immediately.
- Handling:** Avoid dropping or subjecting the teleconverter to strong impacts, as this can damage the optical elements or internal mechanisms.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Lens not attaching securely.	Misalignment of mounting marks; obstruction on mount.	Ensure red dots are aligned. Check for any debris on the lens or teleconverter mount. Do not force.
Autofocus is slow or inaccurate.	Low light conditions; very fast-moving subject; dirty electronic contacts.	Increase ambient light or ISO. Clean electronic contacts on both teleconverter and lens with a clean, dry cloth.
Image quality appears soft.	Camera shake; dirty lens elements; inherent slight optical degradation from teleconverter.	Use a faster shutter speed or tripod. Clean lens elements. Ensure proper focus. While minimal, some softness is expected compared to the bare lens.
Camera does not recognize lens.	Poor connection; dirty electronic contacts.	Re-attach the teleconverter and lens, ensuring a firm click. Clean electronic contacts. Restart camera.

SPECIFICATIONS

Model Number: V321210BU000

Magnification: 1.4x

Light Loss: 1 EV (1 stop)

Dimensions (Diameter x Length): Approximately 2.3 x 1 inches (58.8 x 15mm)

Weight: Approximately 3.68 ounces (105g)

Construction: Dustproof, Splashproof, Freezeproof (-10°C) when attached to compatible PRO lenses.

Compatible Mountings: Micro Four Thirds (MFT)

Compatible Lenses: M.Zuiko Digital ED 40-150mm f/2.8 PRO, M.Zuiko Digital ED 300mm f/4.0 IS PRO

WHAT'S IN THE Box

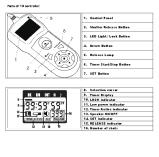
Your OM SYSTEM OLYMPUS MC-14 1.4X Teleconverter package should contain the following items:

- OM SYSTEM OLYMPUS MC-14 1.4X Teleconverter (LENS)
- Front Lens Cap
- Rear Lens Cap
- Soft Case (may vary by region/bundle)

WARRANTY AND SUPPORT

For information regarding product warranty, repairs, or technical support, please refer to the warranty card included with your product or visit the official [OM SYSTEM / Olympus support website](#). Keep your proof of purchase for warranty claims.

Related Documents - V321210BU000

	<p>Olympus M.ZUIKO DIGITAL MC-20 Teleconverter Instruction Manual</p> <p>This document provides essential instructions, specifications, and safety precautions for the Olympus M.ZUIKO DIGITAL MC-20 teleconverter, guiding users on its proper use and maintenance.</p>
	<p>Third Party Lens Manufacturers Guide: Brands, History, and OEM Relationships</p> <p>A comprehensive resource detailing third-party lens manufacturers, their brand names, OEM connections, and historical market presence. Essential for photographers seeking detailed information on camera optics.</p>
	<p>Blackmagic Zoom and Focus Demands User Guide</p> <p>Detailed user guide for Blackmagic Zoom and Focus Demands, covering setup, connection, operation, and compatibility with various lenses for Blackmagic Studio Cameras. Learn how to attach, daisy-chain, and utilize features like control knobs, function buttons, and speed dials.</p>
	<p>JJC TM-Series Multi-Function Timer Remote Control Manual</p> <p>Official manual and instruction guide for the JJC TM-Series Multi-Function Timer Remote Control. Learn about its features, setup, operation, safety, and compatibility for various camera models.</p>
	<p>Olympus E-M10 Digital Camera Instruction Manual</p> <p>Comprehensive guide to operating the Olympus E-M10 digital camera, covering setup, shooting modes, playback, connectivity, and maintenance. Learn to capture high-quality photographs and videos with this user-friendly manual.</p>
	<p>Vivitar Lenses: History, Specifications, and Manufacturer Guide</p> <p>Discover the rich history of Vivitar camera lenses, from their origins to their modern resurgence. This guide details specifications, manufacturer origins, and the iconic Series 1 line.</p>

[pdf] User Manual Instructions

Olympus M ZUIKO DIGITAL 150 210 mm f 4 22 Teleconverter Lens For ED 40 150mm 2 8 PRO 300mm

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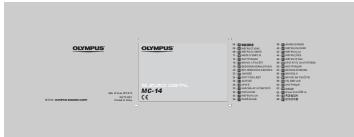
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OLYMPUS

M.Zuiko Digital 1.4x Teleconverter MC-14

• 15mm slim for great portability
• High-quality metal body

Boost the power of zoom

Now there's a teleconverter for your M.Zuiko Digital lens. The MC-14 from Olympus extends the lens's focal length by 1.4x and increases the maximum telephoto zoom ratio to 2.2x. With a slim, compact design and a high-quality metal body, the MC-14 is perfect for tight shots, the MC-14 provides a fast super-telephoto experience. If you're keen on taking sports shots, nature or wildlife photography, the MC-14 is the perfect addition to your lens collection. With the MC-14 attached to your lens, you'll be able to retain the high lens performance you expect from Olympus, this converter delivers the professional-level results you desire.

Specifications

Adapter Type Tele Converter 1.4x

Focal length extension 1.4x

Lens Construction

Lens Configuration	6 elements 3 groups
Maximum image magnification	1.4x of the attached lens
Filter size	72mm

Dimensions / Weight

Length	14.7mm
Diameter	59.8mm
Weight	100g

Lens Combinations

M.Zuiko Digital ED 40-150mm f/4.0 PRO	Closest focusing distance 0.75m
M.Zuiko Digital ED 300mm f/4.0 IS PRO	Closest focusing distance 1.41m
M.Zuiko Digital ED 100-300mm f/4.0 IS PRO	Closest focusing distance 1.3m
M.Zuiko Digital ED 150-400mm f/5.6 IS PRO	Closest focusing distance 1.3m

Specifications and appearance are subject to change without any notice or obligation on the part of the manufacturer.

[pdf] Specifications Dimension Guide Borchure

M Zuiko Digital 1 4x Teleconverter MC-14 Fully multi-coated to retain the high lens performance you

expect from Olympus this converter delivers professional-level results desire132019558 OLYMPUS

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M.Zuiko Digital 1.4x Teleconverter MC14 15mm slim for great portability High-quality metal body Perfect for rough conditions Boost the power of zoom Now there s a teleconverter for your M.Zuiko Digital lens. The MC14 from Olympus extends the lens s focal length by 1.4x and maximises your photo...

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