

Nikon FHW00301

Nikon ES-1 52mm Slide Copy Adapter Instruction Manual

Model: FHW00301

INTRODUCTION

The Nikon ES-1 52mm Slide Copy Adapter is designed for duplicating 35mm film slides. It attaches to compatible macro lenses, such as the AF Micro-Nikkor 60mm f/2.8D (with BR-5 Ring) or the Micro-Nikkor 55mm f/2.8, to enable the digital reproduction of 35mm slides. This manual provides instructions for proper setup, operation, and care of your ES-1 adapter.

SETUP

The ES-1 adapter is designed to screw directly onto macro lenses with a 52mm filter thread. For lenses with different filter thread sizes, a step-up or step-down adapter ring may be required (not included).

Attaching the Adapter

1. Ensure your camera is powered off.
2. Identify the filter thread on your compatible macro lens. The ES-1 is designed for 52mm threads.
3. Carefully align the ES-1 adapter with the lens filter thread.
4. Gently screw the ES-1 adapter clockwise onto the lens until it is securely fastened. Do not overtighten.

Compatible Lenses

- AF Micro-Nikkor 60mm f/2.8D (requires BR-5 Ring)
- Micro-Nikkor 55mm f/2.8
- Nikon AFS 40mm macro lens (52mm thread)
- Other macro lenses with 52mm filter threads, potentially requiring extension tubes for 1:1 reproduction depending on focal length and sensor size.



Nikon ES-1 52mm Slide Copy Adapter, side view, showing the translucent slide holder and the threaded lens attachment.

OPERATING INSTRUCTIONS

Inserting a 35mm Slide

1. Hold the ES-1 adapter with the translucent slide holder facing upwards.
2. Gently slide a mounted 35mm slide into the slot between the plastic back and the metal mounts. Ensure the slide is oriented correctly for copying (e.g., emulsion side towards the camera, or as desired for final image orientation).
3. Visually center and level the slide within the holder. The adapter's design allows for manual adjustment of the slide's position.

Camera Settings and Photography

- **Light Source:** Position a uniform, diffuse light source behind the slide. Examples include a light box, an LED tracing tablet, or a bright, overcast sky.
- **Focus:** Use your camera's autofocus or manual focus to achieve sharp focus on the slide image. For 1:1 reproduction, ensure the adapter is fully compressed or extended as needed for your specific lens and camera combination.
- **Exposure:** Use aperture priority (A) mode with an aperture of f/8 to f/11 for optimal depth of field and sharpness. Adjust exposure compensation as needed for over or underexposed slides. Consider shooting in RAW format for maximum post-processing flexibility.
- **White Balance:** Set your camera's white balance according to your light source, or use auto white balance. Fine-tune in post-processing if color shifts are present in the original slides.
- **Vibration Reduction/Optical Stabilization:** It is recommended to turn off lens vibration reduction or optical stabilization, as the adapter creates a rigid connection between the slide and the camera sensor, minimizing shake.
- **Composition:** Frame the slide image within your camera's viewfinder or live view. Some cropping may occur depending on the lens and sensor combination; adjust the adapter's extension or use additional extension tubes if necessary to achieve full frame capture.



Nikon ES-1 52mm Slide Copy Adapter, angled view, showing the slide slot and the Nikon branding.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the adapter. For the translucent slide holder, use a lens cleaning cloth and solution if necessary, ensuring no residue is left that could affect image quality.
- **Storage:** Store the adapter in a clean, dry place away from direct sunlight and extreme temperatures when not in use. Keep dust caps on lenses when the adapter is removed.
- **Slide Preparation:** Before inserting slides, gently blow off any dust or debris with a blower brush to prevent scratches and ensure clear copies.

TROUBLESHOOTING

Common Issues and Solutions

- **Image is out of focus:** Ensure you are using a compatible macro lens. Non-macro lenses cannot focus at the close distances required. Check that the adapter is fully extended or compressed as appropriate for 1:1 reproduction with your lens.
- **Image is cropped or not 1:1:** This can occur due to the specific macro lens focal length, camera sensor size (crop factor), or insufficient extension. Consider using additional extension tubes (e.g., Nikon PK-3, K5) between the lens and the adapter to achieve the desired magnification and framing.
- **Uneven lighting or color cast:** Verify your light source is uniform and diffuse. Adjust camera white balance settings or correct color in post-processing. An LED light panel is often recommended for consistent illumination.
- **Dust or scratches on copied image:** Thoroughly clean the slide and the adapter's translucent holder before copying. Use a blower brush for dust removal.
- **Tilted image:** Ensure the camera and adapter setup is level. If using a tripod, check that the camera is perfectly horizontal. Minor tilts can be corrected in post-processing.

SPECIFICATIONS

- **Model:** Nikon ES-1
- **Item Model Number:** FHW00301

- **Filter Thread Size:** 52mm (for lens attachment)
- **Compatibility:** Designed for 35mm mounted slides
- **Weight:** 1.76 ounces (approximately 50 grams)
- **Material:** Metal construction
- **Country of Origin:** China



Close-up view of the Nikon ES-1 52mm Slide Copy Adapter, highlighting the 'Nikon Slide Copying Adapter ES-1' label.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Nikon website or contact Nikon customer service directly. Retain your proof of purchase for warranty claims.