

Nikon

Macro Adapter Ring BR-2A/BR-5

The Macro Adapter Ring is used to mount a lens in the reverse position on a camera body, a Nikon bellows attachment, or an extension ring. When shooting at reproduction ratios greater than 1x, mounting the lens in reverse improves image quality and increases the working distance between the front of the lens and the subject.

The Macro Adapter Ring BR-2A can be used with any lens having a 52mm front attachment size. When a lens is to be mounted directly to the camera, the focal length of the lens should be between 20mm and 60mm. The BR-2A has three black dots on it for mounting assistance. Choose the one most suitable for the occasion.

For lenses with a 62mm front attachment size (for instance, the AF Nikkor 20mm f/2.8D and the AF Zoom-Nikkor 28-85mm f/3.5-4.5 [New]), the Macro Adapter Ring BR-5 is used in conjunction with the Macro Adapter Ring BR-2A. When the BR-5 is attached to the lens, the attachment size becomes 52mm and the BR-2A can then be used to mount the lens in the reverse position.

Note: The BR-5 cannot be used to attach 52mm filters to lenses with a 62mm front attachment size.

- With the BR-2A, you must use the stop-down method of exposure measurement. For more details, please refer to your camera's instruction manual.
- With the CPU camera without meter coupling lever, such as F80-series/N80*, the camera meter coupling function does not operate and the exposure indicator LEDs do not appear.
- When the BR-2A is used with a Nikon F4-series camera equipped with the Multi-Meter Finder DP-20 or AE Action Finder DA-20, exposure compensation is required as shown in the table on the right.
- Automatic diaphragm control is possible when the BR-2A is used in conjunction with the Bellows Focusing Attachment PB-4, PB-5, or PB-6 and the Double Cable Release AR-4 or AR-7. When the PB-4 or PB-5 is used, the Auto Ring BR-4 or BR-6 is required. The Bellows Focusing Attachment PB-6, by itself, allows a lens to be mounted in reverse position onto the camera. But, by using the BR-2A with the PB-6, you can obtain greater reproduction ratios.
- With the exception of the zoom lenses, when a lens is mounted directly onto the camera body via the BR-2A, you must focus by moving the camera and lens back and forth until the point of sharpest focus is obtained. In this case, the Nikon Focusing Stage PG-2 is recommended. The reproduction ratio possible with each lens is shown in the table below.

* N50 is sold exclusively in the U.S.A.

Exposure compensation with F4-series camera

Finder	Metering system	Center-Weighted	Spot
	Aperture		
DP-20	Smaller than f/5.6	No compensation	+1
	f/5.6	-1	+1
DA-20	—	No compensation	+1

Reproduction Ratio of Lenses (set at infinity) When Mounted on Camera Body in Reverse

Lens	Reproduction Ratio
AF Nikkor 20mm f/2.8D* / f/2.8 *	3.4x
AF Nikkor 24mm f/2.8D / f/2.8	2.5x
AF Nikkor 28mm f/2.8D / f/2.8	2.0x
AF Nikkor 35mm f/2D / f/2	1.4x
AF Nikkor 50mm f/1.4D / f/1.4	1/1.1x
AF Nikkor 50mm f/1.8 (New)	1/1.4x
AF Micro-Nikkor 55mm f/2.8**	1.2x
AF Micro-Nikkor 60mm f/2.8D* / f/2.8*	1/1.2x
AF Zoom-Nikkor 24-50mm f/3.3-4.5D* / f/3.3-4.5*	3.0-1.0x
AF Zoom-Nikkor 28-70mm f/3.5-4.5D / f/3.5-4.5	2.2-1/5.6x
AF Zoom-Nikkor 28-85mm f/3.5-4.5 (New)*	3.0-1/27.5x
AF Zoom-Nikkor 28-105mm f/3.5-4.5D IF*	2.8-1/1.8x
AF Zoom-Nikkor 35-70mm f/2.8D* / f/2.8*	2.3-1/1.9x
AF Zoom-Nikkor 35-70mm f/3.3-4.5 (New)	2.1-1/6.1x
AF Zoom-Nikkor 35-80 f/4-5.6 D	1.5-1/1.4x****
AF Zoom-Nikkor 35-105mm f/3.5-4.5D IF	1.8-1/33.62x
AF Zoom-Nikkor 35-105mm f/3.5-4.5	1.8-1/6.1x
AF Zoom-Nikkor 35-135mm f/3.5-4.5 (New)*	2.2-1/31.7x
Nikkor 20mm f/2.8*	3.4x
Nikkor 24mm f/2	2.6x
Nikkor 24mm f/2.8	2.6x
Nikkor 28mm f/2	2.2x
Nikkor 28mm f/2.8	2.1x

Lens	Reproduction Ratio
Nikkor 35mm f/1.4	1.8x
Nikkor 35mm f/2	1.6x
Nikkor 35mm f/2.8	1.5x
Nikkor 35mm f/2.8 PC	1.6x
Nikkor 50mm f/1.2	1.1x
Nikkor 50mm f/1.4	1/1.1x
Nikkor 50mm f/1.8	1/2x
Nikkor 55mm f/2.8 Micro	1/1.1x
Nikkor 58mm f/1.2 Noct	1/1.2x
Zoom-Nikkor 28-85mm f/3.5-4.5*	2.9-1/35.8x
Zoom-Nikkor 35-70mm f/3.3-4.5	2.1-1/6.1x
Zoom-Nikkor 35-105mm f/3.5-4.5	1.8-1/6x
Zoom-Nikkor 35-135mm f/3.5-4.5*	2.2-1/14.9x
Zoom-Nikkor 35-200mm f/3.5-4.5*	2.2-1/∞x****

* The BR-5 is required for mounting the lens in the reverse position.

** When mounting AF Micro-Nikkor 55mm f/2.8 in reverse position, avoid strong sideways pressure to the end of the lens nearest the aperture ring, especially if focus ring is extended. Excessive pressure could cause camera malfunction.

*** Image quality may deteriorate at the infinity setting.

**** Cannot be used at 80mm focal length position.