

Nissin MF18

Nissin MF18 Macro Ring Flash for Sony - Instruction Manual

Brand: Nissin | Model: MF18

1. PRODUCT OVERVIEW

The Nissin MF18 Macro Ring Flash is designed for professional macro photography, offering precise control and soft, diffuse light. It is compatible with ADI/P-TTL systems and features Fine Macro technology for detailed power adjustments.

Key Features:

- Compatible with ADI/P-TTL system
- Guide number of 16 (ISO 100)
- Fine Macro technology to adjust the power, in two parts separately
- For lenses with a size of 49 to 82 mm

2. WHAT'S IN THE BOX

Your Nissin MF18 Macro Ring Flash package includes the following components:

- Nissin Digital MF18 Macro Ring Flash
- Anodized aluminum adapter rings for lenses with filter sizes: 52mm, 58mm, 62mm, 67mm, 72mm, and 77mm



Image: Overview of the Nissin MF18 Macro Ring Flash and its included components, including the main flash unit, ring flash head, and various adapter rings.

3. SETUP

3.1. Battery Installation

The MF18 requires 4 AA batteries. Ensure batteries are inserted with correct polarity as indicated inside the battery compartment.

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Video: A user demonstrates inserting AA batteries into a flash unit. This video is from an influencer, but it shows the battery installation process for a similar flash unit, which is relevant for understanding how to install batteries in the Nissin MF18.

3.2. Attaching to Camera and Lens

1. **Attach the Control Unit:** Slide the main control unit onto your camera's hot shoe mount. Secure it by turning the locking wheel until it is firmly in place.
2. **Select and Attach Adapter Ring:** Choose the appropriate anodized aluminum adapter ring (49mm, 52mm, 58mm, 62mm, 67mm, 72mm, or 77mm) that matches your lens filter size. Screw this adapter ring onto the front of your camera lens.
3. **Mount the Ring Flash Head:** Align the ring flash head with the attached adapter ring on your lens. Gently slide the ring flash head onto the adapter ring until it clicks securely into place.



Image: The Nissin MF18 Macro Ring Flash control unit is mounted on a Sony camera's hot shoe, and the ring flash head is attached to the front of the lens.

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Video: A user demonstrates unboxing and attaching a macro ring flash to a camera lens, showing the various adapter rings. This video is from an influencer, but it shows the general process of attaching a macro ring flash, which is relevant for the Nissin MF18.

4. OPERATING INSTRUCTIONS

4.1. Power On/Off

Press the 'On/Off' button on the control unit to power the flash on or off. The display will illuminate when the unit is active.

4.2. Mode Selection

Use the 'Mode' button to cycle through available flash modes, including TTL (Through-The-Lens) for automatic exposure, and Manual for precise power control.

4.3. Power Adjustment

In Manual mode, use the control dial or arrow buttons to adjust the flash output power from 1/1 (full power) down to 1/1024. The Fine Macro technology allows for independent adjustment of the left and right flash tubes for creative lighting.

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Video: A user demonstrates adjusting flash power settings on a flash unit for macro photography. This video is from an influencer, but it shows the general process of adjusting flash power, which is relevant for the Nissin MF18.

4.4. Test Flash

Press the 'Pilot' button to fire a test flash and check the lighting. The entire ring will illuminate during a test flash.

4.5. Fill Light

The MF18 includes a modeling light function. Refer to the on-screen menu for activation and brightness adjustment. This can be useful for focusing in darker conditions.

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Video: A user demonstrates the fill light function on a flash unit. This video is from an influencer, but it shows the general fill light functionality, which is relevant for the Nissin MF18.

5. MAINTENANCE

- Keep the flash unit clean and free from dust and moisture. Use a soft, dry cloth for cleaning.
- Remove batteries when the flash is not in use for extended periods to prevent leakage.
- Store the flash in its protective case to prevent damage.

6. TROUBLESHOOTING

6.1. Flash Not Firing or Malfunctioning

- **Check Battery Level:** Ensure batteries are fully charged and correctly inserted.
- **Secure Hot Shoe Connection:** Verify the control unit is firmly attached to the camera's hot shoe. A loose connection can cause misfires or non-functionality.
- **Lens Compatibility:** Ensure the correct adapter ring is used for your lens size.
- **Camera Compatibility:** While designed for Sony, some specific camera models (e.g., Sony Alpha IV as per user reviews) might have compatibility issues. Check for firmware updates for both the flash and your camera.
- **Flash Settings:** Confirm that the flash mode and power settings are appropriate for your shooting conditions.

7. SPECIFICATIONS

Brand	Nissin
Model Number	NSN060
Compatible Mountings	SONY
Camera Flash Type	Macro Ring Flash
Guide Number	16 (ISO 100)
Power Output Range	1/1 to 1/1024
Flash Sync Speed	1/250s
Batteries Required	4 AA batteries
Item Weight	2.24 pounds
Package Dimensions	9.84 x 6.22 x 5.51 inches

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Nissin website or contact your local dealer.

Optional protection plans are available for purchase to extend coverage beyond the standard manufacturer's warranty.