**Nissin ND60A-FJ**

# Nissin i60A Flash Unit User Manual

Model: ND60A-FJ

## INTRODUCTION

The Nissin i60A is a powerful and compact shoe-mount flash designed for FUJIFILM mirrorless cameras. It features a guide number of 197' at ISO 100 and 200mm, a versatile zoom range of 24-200mm (16mm with panel), and a quick recycling time. Equipped with the Nissin Air 2.4 GHz Radio TTL System, it offers reliable wireless communication. This manual provides essential information for setting up, operating, and maintaining your i60A flash unit.

Figure 1: The Nissin i60A flash unit, showcasing its compact design and flash head.

## SETUP

### Package Contents

Upon opening the package, please verify that all components are present:

- Nissin i60A Flash Unit
- Diffusion Panel
- Built-in LED Video Light (integrated)

### Battery Installation

The Nissin i60A operates on 4 AA batteries. Ensure batteries are inserted with correct polarity as indicated inside the battery compartment.

### Mounting to Camera

Align the flash unit's hot shoe with your camera's hot shoe. Slide the flash forward until it clicks into place. The

sturdy metal hotshoe features a quick release mechanism for easy attachment and detachment.

## Firmware Updates

To ensure optimal compatibility and performance with the latest camera models, firmware updates may be required. Nissin provides free firmware updates at their service location. For details on how to send your unit for an update, please refer to the "Warranty and Support" section.

## OPERATING INSTRUCTIONS

### Power On/Off

Press and hold the power button located on the control panel to turn the unit on or off. The color LCD screen will illuminate upon power-on.



- Focal length range 24-200 mm, soft box included
- Nissin Air System (NAS) compatible
- Extremely compact and lightweight - 11 oz.
- Color LCD display
- Sturdy metal hotshoe with quick release*
- High-speed sync up to 1/8000 sec.
- 2.4 GHz wireless TTL
- Fast recycling time
- Compatible with PS8 Power Pack

*Metal hotshoe not available for Sony.*
*Quick release for all models.*

Figure 2: The i60A control panel with key features highlighted, including the focal length range, NAS compatibility, and compact size.

### Flash Modes

The i60A supports various flash modes, including TTL (Through-The-Lens) and Manual modes. Use the mode dial on the control panel to select your desired mode. The TTL mode automatically adjusts flash output for correct exposure, while Manual mode allows precise control over flash power.

### Zoom Range and Head Articulation

The flash head features an automatic zoom range of 24-200mm, which can extend to 16mm with the built-in wide-angle panel. The flash head can be tilted upward 90° and rotated 180° left and right, providing flexibility for bounced flash photography.

Figure 3: The Nissin i60A flash unit with its head tilted upwards, demonstrating its articulation capability for bounce flash.

## Nissin Air System (NAS)

The i60A integrates Nissin's 2.4 GHz radio transmission wireless flash system. This system offers enhanced reliability compared to traditional optical wireless transmitters, being less susceptible to angle and obstacle limitations. You can set Group A, B, and C, and channels 1 to 8 directly on the i60A flash unit to prevent misfiring in environments with signal interference.



### Nissin Air System (NAS) Compatibility

The NAS is Nissin's newly developed 2.4 GHz radio transmission wireless flash system. Compared with the traditional optical wireless transmitters, 2.4 GHz radio transmission is less susceptible to angle and obstacle limitations.

Nissin is famous for thinking outside the box. This includes the ID technology in Nissin's innovative NAS system. Radio transmission IDs give each of the NAS compatible devices a unique identity and can be set to prevent misfiring in the event of signal interference on the same channel.

Group A, B, C and channels 1 to 8 can be set directly on the i60A flash.

Figure 4: Detailed view of the i60A control panel, illustrating the settings for the Nissin Air System (NAS) including channel and group selection.

## LED Video Light

The i60A includes a built-in LED video light, useful for continuous illumination during video recording or for focusing in low-light conditions.

## High-Speed Sync (HSS)

The flash supports High-Speed Sync (HSS) up to 1/8000 second. Please note that HSS activation may depend on your camera's flash shutter curtain settings (FP mode) rather than directly from the flash dial, as indicated in some user experiences.

## MAINTENANCE

### Cleaning

To clean the flash unit, use a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used, followed by immediate drying. Avoid using strong solvents or abrasive cleaners, as these can damage the unit's finish or internal components.

### Battery Care

Remove batteries from the unit if it will not be used for an extended period to prevent leakage and potential damage. Use high-quality AA batteries for optimal performance and longevity.

## TROUBLESHOOTING

### Flash Not Firing or Inconsistent Output

- Check battery levels and ensure they are correctly inserted.
- Verify the flash is securely mounted on the camera's hot shoe.
- Ensure the camera's flash settings are correctly configured for external flash.
- If using wireless mode, confirm that the flash and trigger (if applicable) are on the same group and channel.

### Compatibility Issues with Newer Cameras

Some compatibility issues with newer camera models may arise due to outdated firmware. Refer to the "Firmware Updates" section under Setup for information on updating your unit's firmware.

### LCD Display or Zoom Lag

In rare instances, there might be a slight lag between the actual flash head position and the indicated zoom value on the LCD. This is typically a minor display anomaly and does not affect flash performance. Ensure firmware is up to date.

## SPECIFICATIONS

| Feature | Detail |
| --- | --- |
| Product Dimensions | 4.5 x 3.75 x 5.25 inches |
| Item Weight | 9.6 ounces |
| Item Model Number | ND60A-FJ |
| Brand | Nissin |
| Compatible Mountings | Fujifilm |

| Feature | Detail |
| --- | --- |
| Camera Flash Type | Slave |
| Flash Sync Speed | 1/250 (up to 1/8000 with HSS) |
| Included Components | Flash unit, diffusion panel, built-in LED video light |
| Guide Number | 197' at ISO 100 and 200mm |
| Zoom Range | 24-200mm (16mm with panel) |
| Recycle Time | 0.1-5.5 Seconds |
| Power Source | 4 AA Batteries or External Pack |
| Head Articulation | Tilts Upward 90°, Rotates Left & Right 180° |

## WARRANTY AND SUPPORT

For warranty information and technical support, please contact Nissin customer service. Firmware updates are provided free of charge at their service location.
**Nissin Service Contact:**

Phone: 1-866-469-3080

Address for Repairs/Firmware Updates:

Nissin: Attn Repairs

741 Main St.

Claremont, NH 03743

When sending your unit for service, please include a note with your contact information and a clear description of the service requested (e.g., firmware update).
For more information, you can visit the official Nissin Store on Amazon.