Nissin NFG015S

Nissin i60A Flashgun for Sony Camera User Manual

Model: NFG015S | Brand: Nissin

INTRODUCTION

The Nissin i60A Flashgun is a compact and powerful external flash unit designed for Sony cameras, offering advanced lighting capabilities for photographers. Weighing approximately 300g and standing less than 4.5 inches high, it is one of the smallest and lightest high-power portable flashes available. It features a guide number of 60 (at 200mm zoom head position, ISO 100) and supports TTL exposure control, making it versatile for various shooting conditions.
This manual provides detailed instructions on the setup, operation, maintenance, and specifications of your Nissin i60A Flashgun to ensure optimal performance and longevity.

WHAT'S IN THE BOX

Upon opening the package, please verify that all the following items are included:

- Nissin i60A Flashgun
- Storage Bag
- Mini Stand
- Soft Box (for softening light output)

Image: The Nissin i60A Flashgun, showcasing its compact design and the included soft box and stand.

Setup

1. Battery Installation

The i60A Flashgun operates on 4 AA batteries (not included). For optimal performance, use high-quality alkaline or Ni-MH rechargeable batteries.

1. Locate the battery compartment on the side of the flashgun.
2. Slide the battery compartment cover open.
3. Insert 4 AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

Image: Close-up view of the battery compartment, showing where to insert the 4 AA batteries.

2. Attaching to Camera

The i60A Flashgun features a hot shoe mount for secure attachment to your camera.

1. Ensure both the flashgun and camera are powered off.
2. Slide the flashgun's hot shoe foot into the camera's hot shoe slot until it clicks into place.
3. Secure the flashgun by rotating the locking mechanism (if present on your camera or flash) to prevent accidental detachment.

3. External Power Source Connection (Optional)

For reduced flash cycle time during constant high power output, an external power source (not included) can be connected.

- Locate the external power pack socket on the side of the flashgun.
- Connect a compatible Nissin power pack or original factory power pack to this socket.

Image: The external power port on the side of the flashgun, used for connecting an optional power pack.

OPERATING INSTRUCTIONS

1. Power On/Off

Press and hold the power button on the control panel to turn the flashgun on or off.

Image: The control panel of the Nissin i60A, showing the power button, mode dial, and other controls.

2. Mode Selection

The i60A features a color LCD with dial control for easy mode selection. Available modes include:

- **Auto Mode:** Automatically adjusts flash output for optimal exposure.
- **Manual Mode:** Allows manual control of flash power from 1/256 to 1/1 in 1/3 step increments.
- **TTL Mode:** Through-The-Lens metering for automatic flash exposure.
- **Wireless Mode (2.4GHz Nissin Air System & Optical):** Supports wireless operation with A, B, C channel selection. Includes optical wireless TTL slave (SD) and non-TTL slave (SF) modes.

Use the dial control to navigate through the menu and select your desired mode.

3. Zoom Adjustment

The flash zoom range can be adjusted automatically or manually from 24-200mm. When using the built-in diffuser, the coverage extends to 16mm.

4. LED Video Light Function

The i60A includes a 9-level LED video light function, providing continuous light for video recording. It can operate for up to 3.5 hours on a full charge of batteries.

Image: Front view of the flashgun, highlighting the integrated LED video light.

5. Bounce and Swivel Head

The flash head can be bounced and swiveled to direct light indirectly, creating softer and more natural illumination.

- **Bounce Position:** Up 0-90 degrees.
- **Swivel Position:** Left & right 0-180 degrees.

An inbuilt bounce card can be extended or retracted, even when the soft box is in place, to further refine light direction.

Image: Top-down view illustrating the flash head's ability to swivel 180 degrees in either direction.

Image: Side view demonstrating the flash head's ability to tilt upwards for bounce flash.

Image: The flashgun with its built-in bounce card extended, used for directing light.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Nissin i60A Flashgun.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the flashgun. For the flash tube and LCD screen, use a microfiber cloth specifically designed for optics. Avoid using abrasive cleaners or solvents.
- **Battery Care:** Remove batteries if the flashgun will not be used for an extended period to prevent leakage. Store batteries in a cool, dry place.
- **Storage:** Store the flashgun in its included bag in a dry, dust-free environment, away from extreme temperatures and direct sunlight.
- **Handling:** Avoid dropping the flashgun or subjecting it to strong impacts, as this can damage internal components.

TROUBLESHOOTING

If you encounter issues with your Nissin i60A Flashgun, please refer to the following common troubleshooting steps:

- **Flash Not Firing:**

    - Check battery levels and ensure they are correctly inserted.
    - Ensure the flashgun is securely mounted on the camera's hot shoe.
    - Verify that the flashgun is powered on and not in sleep mode.
    - Check camera settings to ensure external flash is enabled and compatible sync modes are selected.

- **Inconsistent Flash Output:**

    - Ensure batteries have sufficient power. Low battery can lead to slow recycling and inconsistent output.
    - Check for obstructions between the flash and subject, especially in wireless modes.
    - Verify that the flash mode (TTL, Manual) is appropriate for your shooting conditions.

- **LED Video Light Not Working:**

    - Check battery levels.
    - Ensure the LED light function is activated via the control panel.

- **Wireless Communication Issues:**

    - Ensure the flashgun and trigger (if applicable) are set to the same channel and group.
    - Check the distance between the flash and trigger; ensure it's within the effective range (up to 30 meters for 2.4GHz Nissin Air System).
    - Minimize physical obstructions between units.

If problems persist, consult the Nissin support website or contact customer service for further assistance.

SPECIFICATIONS

Feature	Detail
Guide Number (ISO 100)	GN60 (at 200mm zoom head position)
Focal Length Coverage	24 - 200mm (16mm with built-in diffuser)
Power Source	4 x AA batteries or external power source
Recycling Time	0.1 - 5.5 seconds
Number of Flashes (approx.)	220 - 1,500 flashes
LED Video Light Operation Time	3.5 hours
Flash Duration	1/800 - 1/20,000 seconds

Feature	Detail
Color Temperature	5,600K
Exposure Control	TTL
Wireless Mode	2.4GHz Nissin Air System radio wireless, Optical wireless TTL slave (SD), Non-TTL slave (SF)
EV Compensation on Flash	+/- 2EV in 1/3 EV increments
Bounce Position	Up 0-90 degrees
Swivel Position	Left & right 0-180 degrees
Flash Exposure Control	1st & 2nd curtain synchronisation, high speed sync, red eye reduction, slow sync (dependent on camera), FE/FV lock (set on camera)
AF-Assist Beam Effective Range	0.7 - 5 meters
Operation Panel	Colour LCD with dial control
Manual Mode Power Ratio	1/256 - 1/1 with 1/3 step control
Dimensions	2.87 x 3.86 x 4.41 inches (7.29 x 9.80 x 11.20 cm)
Item Weight	10.6 ounces (300g)
Model Number	NFG015S

Image: Diagram illustrating the compact dimensions of the Nissin i60A Flashgun compared to other high-power flashes.

WARRANTY AND SUPPORT

Specific warranty details for the Nissin i60A Flashgun are not provided within this manual. For information regarding warranty coverage, technical support, and service, please visit the official Nissin website or contact your local authorized dealer.

It is recommended to register your product on the manufacturer's website to receive updates and support.

For further assistance, you may also refer to the Nissin Store on Amazon.

Related Documents - NFG015S

[Nissin MG60 Instruction Manual for Canon, Nikon, Sony Cameras](#)
Instruction manual for the Nissin MG60 external flash unit, detailing its features, operation modes (TTL, Manual, Multi-flash, etc.), safety guidelines, and compatibility with Canon, Nikon, and Sony cameras. Includes component descriptions and setup instructions.
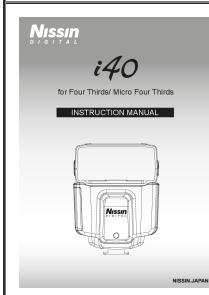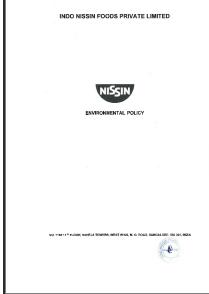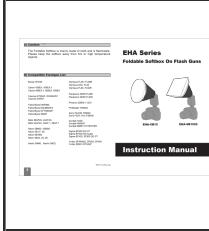
	[Nissin MG10 Instruction Manual](#) Comprehensive instruction manual for the Nissin MG10 flash unit, covering setup, operation, features like wireless shooting, TTL and manual modes, HSS, and specifications. Learn how to use your Nissin MG10 flash effectively for professional photography.
	[Nissin i40 Flash Instruction Manual for Four Thirds and Micro Four Thirds Cameras](#) Comprehensive instruction manual for the Nissin i40 flash unit, designed for Four Thirds and Micro Four Thirds system cameras. Learn about features, basic operation, flash modes, and troubleshooting.
	[Nissin Donbei Regional Instant Noodle Varieties: Kitsune Udon & Tempura Soba](#) Explore the distinct flavors of Nissin Donbei's regional instant noodle offerings, including Kitsune Udon (East, West, Hakata) and Tempura Soba (East, West, Shinshu), with detailed ingredient and nutritional information.
	[Indo Nissin Foods Private Limited Environmental Policy](#) This document outlines the Environmental Policy of Indo Nissin Foods Private Limited, detailing its commitment to environmental preservation, resource saving, and sustainable business practices, including the structure and duties of its Environment Committee.
	[EHA Series Foldable Softbox Instruction Manual - Compatible Flashguns & Installation Guide](#) This instruction manual provides details for the EHA Series Foldable Softbox, including a caution about flammability, a comprehensive list of compatible camera flash models from major brands, product specifications for EHA-CB15 and EHA-SB1520, and step-by-step installation instructions with textual descriptions of diagrams.