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## Nissin i40

# Nissin i40 Flashgun for Nikon User Manual

Model: i40

## 1. INTRODUCTION

Thank you for choosing the Nissin i40 Flashgun for Nikon. This compact and powerful flash unit is designed to provide versatile lighting solutions for your photography needs. Please read this manual thoroughly before using the flashgun to ensure proper operation and to maximize its potential.

## 2. SAFETY INFORMATION

To prevent injury to yourself or others, or damage to the product, read all safety precautions before use. Keep this manual for future reference.

- Do not disassemble or modify the flashgun.
- Keep the flashgun away from water and moisture.
- Do not operate the flashgun in the presence of flammable gases or liquids.
- Avoid direct eye exposure to the flash light, especially at close range.
- Use only specified batteries. Ensure correct polarity when inserting batteries.
- Remove batteries if the flashgun will not be used for an extended period.

## 3. PRODUCT OVERVIEW

The Nissin i40 is a compact and lightweight flashgun offering a guide number of 40 (at 105mm, ISO 100). It features TTL, manual, and optical slave modes, a built-in diffuser, and a bounce card.

### 3.1. Components

- Flash Head (rotates and tilts)
- Control Dial
- Mode Button
- Power Switch
- Battery Compartment
- Hot Shoe Mount

- Built-in Diffuser
- Bounce Card



Figure 1: Front view of the Nissin i40 Flashgun. This image displays the flash head, control panel with dials and buttons, and the overall compact design of the unit.



Figure 2: Rear view of the Nissin i40 Flashgun. This image highlights the battery compartment cover and the hot shoe mount for attaching to a camera.

Note: Image URLs are placeholders as no specific image data was provided.

## 4. SETUP

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### 4.1. Installing Batteries

1. Open the battery compartment cover located on the side of the flashgun.
2. Insert four AA-size batteries (alkaline or Ni-MH rechargeable) according to the polarity indicators inside the compartment.
3. Close the battery compartment cover securely.

### 4.2. Attaching to Camera

1. Ensure both the camera and flashgun are turned off.
2. Slide the flashgun's hot shoe mount fully into the camera's hot shoe.
3. Tighten the locking wheel on the flashgun to secure it in place.

## 5. OPERATING INSTRUCTIONS

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### 5.1. Power On/Off

To turn on the flashgun, slide the power switch to the "ON" position. To turn off, slide it to "OFF". The flashgun will automatically enter sleep mode after a period of inactivity to conserve battery power.

### 5.2. Mode Selection

Press the **MODE** button to cycle through the available flash modes:

- **TTL (Through-The-Lens):** Automatic flash exposure based on camera metering.
- **Manual (M):** Manually set flash power output (1/1 to 1/256).
- **SD (Slave Digital):** Optical slave mode for digital pre-flash systems.
- **SF (Slave Film):** Optical slave mode for traditional single-flash systems.

### 5.3. Adjusting Flash Head

The flash head can be tilted upwards by 90 degrees and rotated horizontally by 180 degrees to the left and 90 degrees to the right for bounce flash photography.

### 5.4. Using Built-in Diffuser and Bounce Card

Pull out the wide-angle diffuser panel and the bounce card from the flash head as needed. The diffuser softens the light

for wider coverage, while the bounce card helps direct light when bouncing off a ceiling.

*Note: No relevant official product videos were found in the provided data to embed.*

## 6. MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your Nissin i40 Flashgun.

- Clean the flashgun body with a soft, dry cloth. Do not use solvents or abrasive cleaners.
- Keep the hot shoe contacts clean and free of dust.
- Store the flashgun in a cool, dry place when not in use.
- Remove batteries if storing for extended periods to prevent leakage.

## 7. TROUBLESHOOTING

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### Common Issues and Solutions

Problem	Possible Cause	Solution
Flash does not fire.	Batteries are dead or incorrectly inserted. Flashgun not securely mounted. Flashgun is off.	Replace batteries or check polarity. Re-mount flashgun securely. Turn flashgun on.
Flash is too weak/strong.	Incorrect flash mode or power setting. ISO/aperture settings on camera.	Adjust flash power in Manual mode. Check camera settings. Ensure TTL is functioning correctly.
Flash does not sync with shutter.	Shutter speed too high (exceeds sync speed).	Reduce camera shutter speed to below or at the camera's maximum flash sync speed.

## 8. SPECIFICATIONS

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Feature	Detail
Guide Number	GN40 (at 105mm, ISO 100)
Focal Length Coverage	24-105mm (16mm with built-in diffuser)
Power Source	4 x AA batteries (Alkaline, Ni-MH)
Recycle Time	0.1-4 seconds (approx.)
Flash Modes	TTL, Manual, SD, SF
Flash Duration	1/800 - 1/20000 seconds
Dimensions (WxHxD)	85 x 61 x 85 mm (approx.)
Weight	203g (without batteries)

## 9. WARRANTY AND SUPPORT

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Nissin products are manufactured to the highest quality standards. This product comes with a limited warranty against

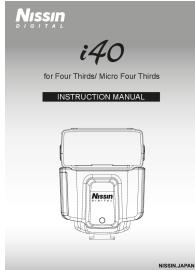
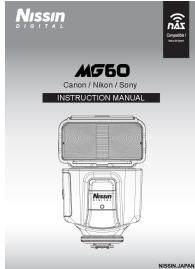
defects in materials and workmanship from the date of purchase. Please refer to the warranty card included with your product for specific terms and conditions.

For technical support, service, or warranty claims, please contact your local authorized Nissin distributor or visit the official Nissin website:

[www.nissindigital.com](http://www.nissindigital.com)

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## Related Documents - i40

	<p><a href="#">Nissin i40 Flash Instruction Manual for Four Thirds and Micro Four Thirds Cameras</a></p> <p>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.</p>
	<p><a href="#">Nissin MG60 Instruction Manual for Canon, Nikon, Sony Cameras</a></p> <p>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.</p>
	<p><a href="#">Nissin MG10 Instruction Manual</a></p> <p>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.</p>
	<p><a href="#">Nissin Donbei Regional Instant Noodle Varieties: Kitsune Udon &amp; Tempura Soba</a></p> <p>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.</p>

<p>INDO NISSIN FOODS PRIVATE LIMITED</p> <p><b>NISSIN</b> ENVIRONMENTAL POLICY</p> <p>Raymarine i40 Installation and Operation Instructions</p> <p>Raymarine</p>	<p><u><a href="#">Indo Nissin Foods Private Limited Environmental Policy</a></u></p> <p>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.</p>
	<p><u><a href="#">Raymarine i40 Installation and Operation Instructions</a></u></p> <p>Comprehensive guide for installing and operating the Raymarine i40 series of marine instruments, including Bidata, Depth, Speed, and Wind models. Covers setup, calibration, maintenance, and troubleshooting.</p>