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Nissin i40C

Nissin i40C Flash for Canon: User Manual

Model: i40C

1. INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your Nissin i40C Flash unit, specifically designed for Canon cameras. The Nissin i40C is a compact and lightweight flash offering advanced features for various photographic needs.



Figure 1: Front view of the Nissin i40C Flash unit. This image displays the flash head and the main body of the unit.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- Nissin i40C Flash Unit
- Soft Box Diffuser
- Flash Stand
- Storage Pouch

3. SETUP

3.1 Battery Installation

The Nissin i40C requires four (4) AA batteries for operation. Use high-quality alkaline or Ni-MH rechargeable batteries for optimal performance.

1. Locate the battery compartment door on the side of the flash unit.
2. Slide the door open according to the indicator.

3. Insert four AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment door securely.

3.2 Mounting the Flash

The i40C features a durable metal hot shoe with a quick-release button for secure attachment to your camera.

1. Ensure the flash unit is powered off.
2. Slide the flash's hot shoe into your camera's hot shoe mount.
3. Push the flash forward until it clicks into place. The quick-release button will secure the flash.
4. To remove, press the quick-release button and slide the flash backward off the camera's hot shoe.

4. OPERATING INSTRUCTIONS

The Nissin i40C is designed with user-friendly selector dials for intuitive control.

Selector dials - Simple & Innovative

The selector dials are innovative and very easy to use. The small lamps indicate the current settings so that even beginners can quickly get started. The video light function with 9 levels of output can also be activated and adjusted using the dials.

Slave groups A, B, C and the TTL function can be activated to enjoy creative flash photography with multiple flashes from various directions. If the i40 is used as a slave, the flash can be synchronized with any master flash available on the market.



Figure 2: Close-up view of the Nissin i40C's selector dials. The image highlights the Function dial (left) and Power dial (right) with their respective settings.

4.1 Selector Dials

The i40C features two main selector dials for control:

- **Function Dial:** Controls the flash mode (e.g., TTL, Manual, Wireless, Slave).
- **Power Dial:** Adjusts flash output or exposure compensation depending on the selected mode.

Indicator lamps (A/B/C) illuminate to show the current adjustment position, providing clear visual feedback.

4.2 Flash Modes

- **TTL (Through-The-Lens):** Automatic flash exposure control. The flash output is determined by the camera's metering system.
- **Manual:** Allows manual adjustment of flash power from full power down to 1/256.
- **Wireless TTL:** Enables off-camera flash control with compatible camera systems.
- **Slave Mode (SF/SD):** The flash can be triggered by another flash unit. SF (Slave Film) mode is for traditional flash, while SD (Slave Digital) mode is for digital pre-flash systems.

4.3 LED Video Light

The Nissin i40C includes an integrated LED video light. This light has 9 steps of output level adjustment,

controlled via the power dial, and is suitable for close-distance illumination.

4.4 High-Speed Synchronization (HSS)

The i40C supports high-speed synchronization, allowing the flash to sync with shutter speeds up to 1/8,000 seconds. This feature is useful for freezing fast motion or using flash with wide apertures in bright conditions.

4.5 Soft Box Usage

The included soft box diffuser softens the flash output and reduces harsh shadows. Attach it to the flash head when a softer, more diffused light is desired, particularly for close-up fill-in flash.



Figure 3: Overview of Nissin i40C features, including focal length range, compact size, selector dials, LED video light, metal hot shoe, high-speed sync, wireless TTL, slave mode, and fast recycling time.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Nissin i40C Flash, follow these maintenance guidelines:

- Keep the flash unit clean and free from dust and moisture. Use a soft, dry cloth for cleaning.
- Avoid exposing the flash to extreme temperatures or direct sunlight for extended periods.
- When storing the flash for an extended period, remove the batteries to prevent leakage and potential damage to the unit.
- Handle the flash head and hot shoe carefully to prevent damage.

6. TROUBLESHOOTING

If you encounter issues with your Nissin i40C Flash, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Flash does not fire	Low or depleted batteries; incorrect mounting; flash in sleep mode; camera settings.	Replace batteries; re-mount flash securely; press shutter button halfway to wake flash; check camera flash settings.
Flash output is too weak/strong	Incorrect flash mode or power setting; subject distance.	Adjust power dial in Manual mode; check exposure compensation in TTL mode; ensure subject is within flash range.

Problem	Possible Cause	Solution
Flash does not sync with high shutter speeds	HSS not enabled or supported by camera/flash combination.	Ensure HSS is enabled on both the flash and camera, if applicable.

If the problem persists after attempting these solutions, contact Nissin customer support or your retailer for further assistance.

7. SPECIFICATIONS

Feature	Detail
Model Number	i40C
Compatible Mountings	Canon
Product Dimensions	3.35 x 2.4 x 3.34 inches
Item Weight	6.4 ounces
Batteries Required	4 AA batteries
High-Speed Sync	Up to 1/8,000 seconds
LED Video Light	9 steps of output level adjustment
Included Components	Flash, Soft Box

8. WARRANTY AND SUPPORT

The Nissin i40C Flash for Canon comes with a U.S. Warranty. For specific warranty terms, duration, and to register your product or obtain support, please refer to the official Nissin website or contact their customer service directly. Keep your proof of purchase for warranty claims.