



Manuals.plus /

› NEEWER /

› Neewer 750II TTL Flash Speedlite Instruction Manual for Nikon DSLR Cameras

NEEWER 750II

Neewer 750II TTL Flash Speedlite Instruction Manual

Model: 750II | Brand: NEEWER

1. INTRODUCTION

Thank you for purchasing the Neewer 750II TTL Flash Speedlite. This manual provides detailed instructions for the safe and effective use of your new flash unit. Please read this manual thoroughly before use to ensure optimal performance and to prevent damage to the product or injury to yourself. This flash is designed for use with Nikon DSLR cameras, offering versatile lighting solutions with multiple operating modes.



Image: The Neewer 750II TTL Flash Speedlite attached to a Nikon DSLR camera, showing its compact design and LCD display.

2. PRODUCT FEATURES

- **High Guide Number (GN):** Features a powerful Guide Number of 58 (at ISO 100, 105mm), providing ample light output for various shooting conditions.
- **Multiple Flash Modes:** Supports TTL (Through-The-Lens), Manual (M), Multi (Stroboscopic), S1, and S2 slave flash modes for creative lighting control.
- **Flexible Rotation:** The flash head offers a vertical rotation angle from -7 to 90 degrees and a horizontal rotation angle from 0 to 270 degrees, allowing for bounce flash and diverse lighting angles.
- **PC Sync Interface:** Includes a PC sync port for wired synchronization with cameras or studio triggers.
- **Accurate Brightness Control:** Provides precise control over flash output for consistent and balanced illumination.
- **Wide Compatibility:** Fully compatible with Nikon DSLR cameras including models like D7200, D7100, D7000, D5500, D5300, D5200, D5100, D5000, D3300, D3200, D3100, D3000, D700, D600, D500, D90, D80, D70, D60, D50, and others.



GN58



TTL



Optical
Transmission



Strobe
Flash



Slave
Flash S1.S2



Approx. 3.5s



M



Vertical Rotation Angle:-7~90 degrees



Horizontal Rotation Angle:-90~180 degrees

Image: Illustration of the flash head's vertical rotation from -7° to 90° and horizontal rotation from 0° to 270°.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1x Neewer 750II Flash Speedlite
- 1x Protective Carrying Bag
- 1x Mini Stand
- 1x Instruction Manual
- 1x Warranty Card



Image: The complete package contents, showing the flash unit, protective bag, mini stand, diffuser, and instruction manual.

4. PARTS IDENTIFICATION

Familiarize yourself with the different parts of your Neewer 750II Flash Speedlite:

1. **Catch-light Panel:** A small, retractable white card used to create a catch-light in the subject's eyes.
2. **Built-in Wide Angle Diffusing Panel:** A retractable diffuser to soften and spread the flash light for wider coverage.
3. **Flash Head:** The main light-emitting component.
4. **Flash Sensor:** Detects pre-flashes from the camera or other flash units for S1/S2 slave modes.
5. **Battery Compartment:** Holds 4xAA size batteries (not included).
6. **External Power Jack:** For connecting an external power pack for faster recycle times and extended use.
7. **Locking Pin:** Secures the flash to the camera's hot shoe.
8. **Hot Shoe Stand:** The base of the flash that connects to the camera's hot shoe.
9. **Tilting-angle Scale:** Indicates the vertical angle of the flash head.
10. **LCD Display:** Shows current settings, mode, and other operational information.
11. **On/Off Switch / Backlight Button:** Powers the unit on/off and controls the LCD backlight.

12. **SET Button:** Confirms selections and enters settings menus.
13. **M (Mode) Button:** Cycles through different flash modes (TTL, M, Multi, S1, S2).
14. **Sync Jack:** PC sync port for external triggering.
15. **Function/Direction Buttons:** Used for navigating menus and adjusting settings.
16. **Recycle Indicator/Test Button:** Lights up when the flash is ready to fire and can be pressed to test fire the flash.



Image: A close-up view of the flash's LCD display and control panel, with labels for each button and indicator.



Image: An exploded view highlighting key physical parts of the flash unit, such as the catch-light panel, diffusing panel, flash head, and battery compartment.

5. SETUP

5.1 Battery Installation

1. Open the battery compartment cover located on the side of the flash unit.
2. Insert four (4) AA-size alkaline or Ni-MH rechargeable batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
3. Close the battery compartment cover securely. Ensure it clicks into place to prevent accidental opening.

5.2 Mounting on Camera

1. Slide the flash's hot shoe stand into your Nikon DSLR camera's hot shoe mount.
2. Rotate the locking ring or lever on the flash unit clockwise until it is firmly secured to the camera's hot shoe. Do not overtighten.
3. To remove, rotate the locking ring/lever counter-clockwise and slide the flash off the hot shoe.

6. OPERATING MODES

Press the **M (Mode)** button to cycle through the available flash modes.

6.1 TTL Mode (Through-The-Lens)

In TTL mode, the flash output is automatically controlled by the camera's light metering system. This ensures balanced and accurate exposure by detecting the light bounced back from the subject. This mode is ideal for quick shooting and changing light conditions.

6.2 Manual (M) Mode

Manual mode allows you to set the flash output power manually. You can adjust the output from 1/1 (full power) down to 1/128 power in 8 levels. This mode provides precise control over lighting for consistent results in controlled environments.



Image: Visual representation of the 8-level output control in Manual (M) flash mode, ranging from full power (1/1) to 1/128 power.

6.3 Multi Mode (Stroboscopic Flash)

Multi mode, also known as stroboscopic flash, fires a series of rapid flashes during a single exposure. This mode is used to capture multiple images of a moving subject within one frame, creating a motion blur effect.

6.4 S1/S2 Slave Modes

The S1 and S2 modes are optical slave modes, allowing the Neewer 750II to be triggered by another flash unit without a physical connection. This is useful for off-camera lighting setups.

- **S1 Mode:** The flash will fire in response to the first flash from a master flash. This mode is suitable for manual flash units.
- **S2 Mode:** The flash will ignore the pre-flash (metering flash) from a master TTL flash and fire on the main flash. This mode is suitable for TTL flash units that emit a pre-flash.



S1/S2 Flash mode

S1 and S2 slave modes are used to generate many lighting effects, you can use other flash as the master flash, and the flashes are placed in various directions. S1 mode for manual lightning environment. S2 for TTL flash for the environment.



Image: Illustration of S1 and S2 slave flash modes, demonstrating how the flash can be triggered wirelessly by a master flash.

Multi mode

It is used to record the continuous movement of the subject



Exposure compensation

Adjustment range from -3 to +3 in 1/3 stop increments



TTL mode

The flash bounced back from objects can be detected by camera's light measuring system, and then can adjust flash output automatically so the objects and background can obtain balanced and accurate exposure.



Image: Visual examples demonstrating the effects of Multi mode for continuous movement, Exposure Compensation adjustments, and the balanced lighting achieved with TTL mode.

7. EXPOSURE COMPENSATION

Exposure compensation allows you to fine-tune the flash output in TTL mode. You can adjust the exposure from -3 to +3 stops in 1/3 stop increments. This feature is useful for achieving desired lighting effects or correcting exposure in challenging lighting conditions.

8. SPECIFICATIONS

Feature	Specification
Brand	NEEWER
Model Number	10070994
UPC	699618411157
Compatible Mount	DSLR Hot Shoe
Flash Modes	TTL, Manual (M), Multi, S1, S2
Guide Number (GN)	58 (ISO 100, 105mm)
Vertical Rotation Angle	-7 to 90 degrees
Horizontal Rotation Angle	0 to 270 degrees
Flash Sync Speed	Up to 1/200 seconds
Flash Duration	1/200s - 1/20000s
Recycle Time	Approx. 3 seconds (with 4xAA alkaline batteries)
Color Temperature	5600K
Exposure Control Type	TTL, Manual, High-Speed Sync
Light Sensitivity (ISO)	100-∞
Power Supply	4x AA batteries (Alkaline or Ni-MH)
External Ports	Hot Shoe, PC Port, External Charging Port
Product Dimensions (D x W x H)	6 x 7.8 x 19 cm
Waterproof	No
Viewfinder Type	LCD Display

9. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the flash unit. For stubborn dirt, a slightly damp cloth can be used, followed by a dry cloth. Do not use strong detergents or solvents.
- **Battery Care:** Remove batteries when the flash is not in use for extended periods to prevent leakage and damage. Store batteries in a cool, dry place.
- **Storage:** Store the flash in its protective bag in a cool, dry, and dust-free environment. Avoid extreme temperatures and high humidity.
- **Handling:** Handle the flash unit with care. Avoid dropping it or subjecting it to strong impacts, which can damage internal components.

10. TROUBLESHOOTING

If you encounter issues with your Neewer 750II Flash Speedlite, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Flash does not power on.	Dead or incorrectly inserted batteries.	Replace batteries with fresh ones and ensure correct polarity.
Flash does not fire.	Flash not fully recycled; incorrect mode; poor hot shoe connection; camera settings.	Wait for the recycle indicator light. Check flash mode (e.g., TTL, M). Re-mount flash on hot shoe securely. Check camera flash settings.
Inconsistent light output.	Low battery power; subject distance too far; flash head angle.	Replace batteries. Ensure subject is within flash range. Adjust flash head angle for direct or bounce flash.
Battery compartment cover is loose or broken.	Wear and tear; improper handling.	Ensure the cover is properly aligned and latched. If broken, contact customer support for repair or replacement options.
Flash not recognized by camera.	Poor hot shoe contact; firmware incompatibility.	Clean hot shoe contacts on both flash and camera. Ensure flash is fully seated and locked. Check for any available firmware updates for the flash (if applicable).

11. WARRANTY AND SUPPORT

Neewer products are manufactured to high-quality standards. For warranty information or technical support, please refer to the warranty card included in your package or visit the official Neewer website. If you experience any issues with your product, please contact the retailer or Neewer customer service for assistance. Keep your purchase receipt as proof of purchase for warranty claims.