

NEEWER Q4

NEEWER Q4 400Ws Outdoor Studio Flash Strobe

Model: Q4

Brand: NEEWER

1. INTRODUCTION

Thank you for choosing the NEEWER Q4 400Ws Outdoor Studio Flash Strobe. This powerful and portable monolight is designed for professional photographers, offering versatile lighting solutions for both outdoor and studio environments. Featuring TTL/Manual/Multi flash modes, 1/8000s HSS, a 2800mAh battery, and a Bowens mount, the Q4 provides exceptional performance and flexibility. This manual will guide you through the setup, operation, and maintenance of your new flash strobe.

2. SAFETY INFORMATION

Please read all instructions carefully before use to ensure safe and optimal operation. Keep this manual for future reference.

- Do not trigger the flash without plugging in the flash tube, as this will damage the equipment.
- Do not expose the unit to rain or damp conditions.
- Avoid direct eye exposure to the flash.
- Only use the provided power adapter/cord to charge the product.
- Keep out of reach of children.
- Disconnect power before cleaning or maintenance.

3. WHAT'S IN THE BOX

Verify that all items are present in the package:

- 1 x Q4 Flash Strobe
- 1 x Standard Reflector
- 1 x Lithium Battery (21.6V/2800mAh)
- 1 x Handle
- 1 x Power Cord (US Plug)

- 1 x Power Adapter
- 1 x Carrying Case



Image: NEEWER Q4 Flash Strobe with all included accessories laid out.

4. PRODUCT OVERVIEW

4.1 Key Features

- **400Ws High Power:** Capable of providing strong flash output for various lighting conditions.
- **TTL/Manual/Multi Flash Modes:** Offers flexible control for different shooting scenarios.
- **1/8000s High Speed Sync (HSS):** Allows for freezing fast motion and overpowering ambient light.
- **21.6V/2800mAh Lithium Battery:** Provides up to 400 full power flashes with 0.01-1.2s recycling time.
- **Built-in 2.4G Q System:** Enables wireless control with compatible NEEWER QPRO triggers.
- **30W LED Modeling Lamp:** Assists with focusing and previewing lighting effects.
- **Bowens Mount:** Compatible with a wide range of light modifiers.

4.2 Components



Image: Front view of the NEEWER Q4 control panel, showing the LCD screen, navigation dial, and various function buttons.

- **LCD Display:** Shows current settings, flash mode, power level, and battery status.
- **Function Buttons:** For mode selection, group/channel adjustment, and other settings.
- **SET/Dial:** Used for confirming selections and adjusting values.
- **Test Button:** Triggers a test flash.
- **Modeling Lamp Button:** Controls the modeling light.
- **Battery Compartment:** For inserting and removing the lithium battery.
- **DC Charging Port:** For connecting the power adapter.
- **USB Type-C Port:** For firmware upgrades.
- **3.5mm Sync Jack:** For wired trigger methods.
- **Top Handle:** For easy carrying and handheld use.
- **Bowens Mount:** For attaching light modifiers.

5. SETUP

5.1 Battery Installation

1. Locate the battery compartment on the side of the Q4 strobe.

2. Insert the 21.6V/2800mAh lithium battery into the compartment, ensuring it clicks securely into place.



Image: The NEEWER Q4 strobe with its large capacity lithium battery being inserted into the side compartment.

5.2 Flash Tube Installation

1. Carefully align the pins of the flash tube with the sockets on the front of the strobe.
2. Gently push the flash tube into place until it is firmly seated.



BOWENS MOUNT

Sculpt and modify the light to achieve your desired photographic effects.



Note: Only the Q4 2.4G TTL Flash is included.

SF-8KGD36
Softbox



SF-85Q
Parabolic Softbox



Standard Reflector



Umbrella Diffuser



NK-NALTM
Snoot



Image: Close-up of the NEEWER Q4's front, showing the 30W modeling lamp and the Bowens mount for attaching accessories.

5.3 Handle Attachment

1. Attach the included handle to the designated mounting points on the top of the strobe.
2. Secure the handle firmly. This handle allows for easy portability and handheld use.



Image: The NEEWER Q4 strobe with its top handle, demonstrating its compact and portable design.

5.4 Mounting

The Q4 features a standard Bowens mount, allowing it to be attached to various light stands and modifiers.

1. Attach the Q4 to a compatible light stand using the integrated mounting bracket.
2. Secure the bracket tightly to prevent accidental movement.
3. To attach light modifiers (e.g., softboxes, snoots), align the modifier with the Bowens mount and twist until it locks into place.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Press and hold the power button to turn the unit on or off. The LCD display will illuminate upon power-on.

6.2 Display and Controls

The LCD display provides real-time information about the flash settings. Use the navigation buttons and dial to navigate menus and adjust values.

6.3 Flash Modes

The Q4 supports three main flash modes: TTL, Manual, and Multi (Stroboscopic).

- **TTL (Through-The-Lens):** Automatically adjusts flash output for correct exposure. Compatible with Canon E-TTL II, Nikon i-TTL, and Sony TTL systems.
- **Manual (M):** Allows manual control over flash power output (1/256 to 1/1 in 0.1 stop increments).
- **Multi (Stroboscopic):** Fires a series of rapid flashes to capture multiple images of a moving subject in a single frame (up to 100 times at 199 Hz).

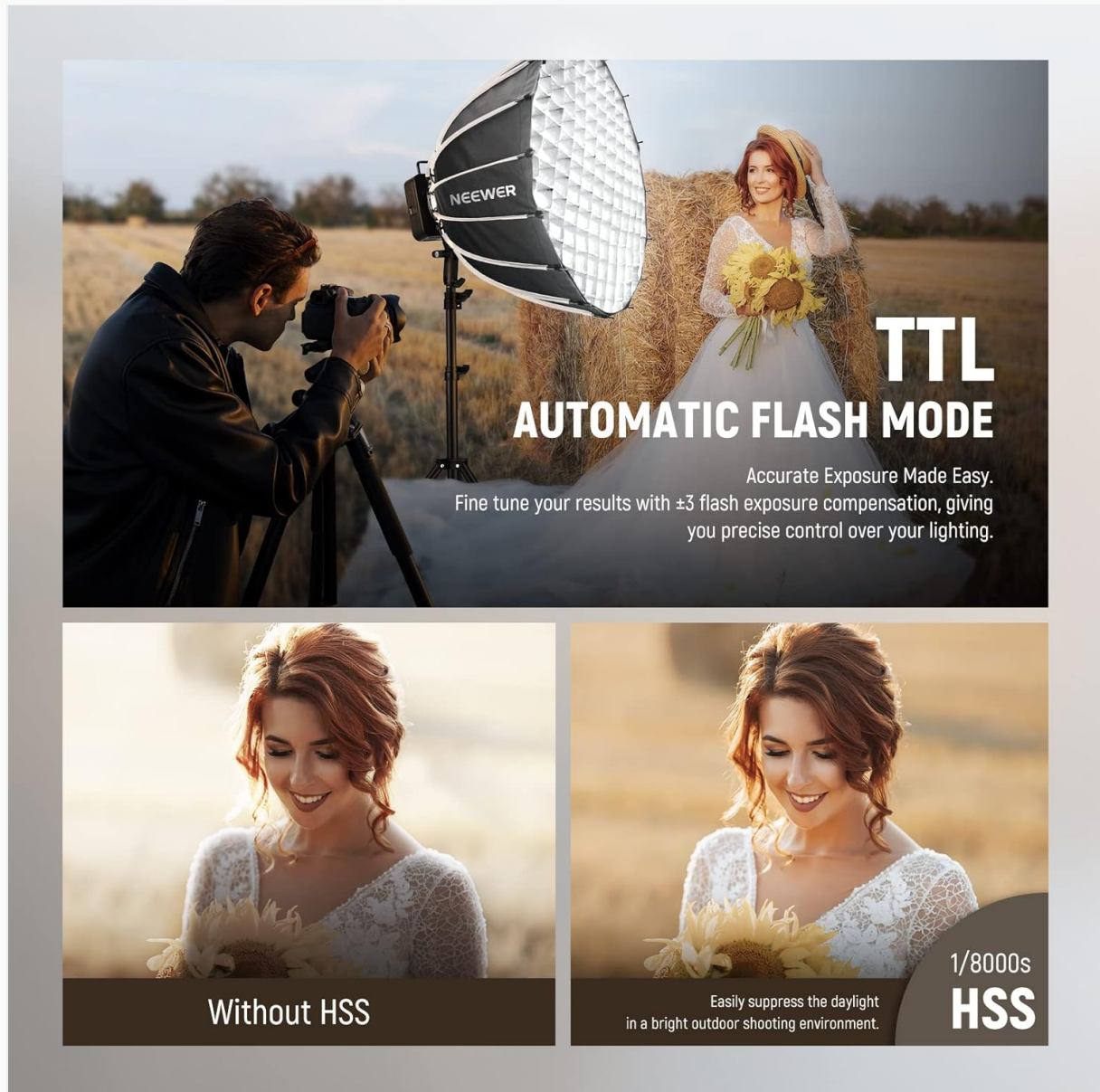


Image: Example of TTL automatic flash mode and 1/8000s HSS (High-Speed Sync) in use, showing accurate exposure and daylight suppression.

6.4 High-Speed Sync (HSS)

The Q4 supports 1/8000s HSS, allowing you to synchronize the flash with shutter speeds faster than the camera's native sync speed. This is ideal for overpowering bright ambient light or freezing fast-moving subjects.

6.5 Modeling Lamp

The 30W/5600K/CRI95+ LED modeling lamp helps you visualize the lighting effect before taking a shot. Press the modeling lamp button to toggle it on/off or adjust its brightness.

6.6 Wireless Q System

The built-in 2.4G NEEWER Q system allows for wireless control of the Q4 using compatible QPRO triggers (sold separately). This system supports 5 groups (A/B/C/D/E) and 32 channels, enabling complex multi-flash setups.

BUILT IN NEEWER 2.4G Q SYSTEM

Accept signals from the main control unit for effortless wireless multiple flash shooting.

Note: The QPRO-C/N/S triggers are not included

(A, B, C, D, E) 5 Groups | 1-32 Channels | OFF, 01-99 ID

Slave
Q4 400Ws 2.4G TTL Flash

Master
QPRO-C/N/S Wireless Flash Trigger

Q3 Wireless TTL Flash

S101 300W / 400W Pro

Z1 Flash Speedlite

Z760 Flash Speedlite

NW655 Flash Speedlite

NW420 Flash Speedlite

Image: Diagram illustrating the NEEWER 2.4G Q system, showing the Q4 as a slave unit and compatibility with various NEEWER flash units and QPRO triggers.

Video: Demonstrates the NEEWER Q4 400Ws 2.4G TTL Flash (NEW LOOK) in action, highlighting its features and capabilities.

6.7 Masking Function

The masking function allows for separate exposure of the subject and background, which is convenient for post-production keying.

6.8 Firmware Upgrades

The Q4 supports firmware upgrades via its USB Type-C port to ensure compatibility and access to new features. Visit the NEEWER official website for the latest firmware and instructions.

7. MAINTENANCE

7.1 Cleaning

Use a soft, dry cloth to clean the exterior of the flash strobe. Do not use abrasive cleaners or solvents. For the flash tube, use a clean, lint-free cloth and avoid touching the glass directly with bare hands to prevent oil residue.

7.2 Battery Care

To prolong battery life, fully charge the battery before first use. Store the battery in a cool, dry place when not in use. If storing for extended periods, charge the battery to approximately 50% every three months.

8. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|-------------------------------|--|--|
| Flash does not fire. | Low battery; Flash tube not installed correctly; Trigger not connected/paired; Incorrect mode. | Charge battery; Reinstall flash tube; Check trigger connection/pairing; Select correct flash mode (TTL/M/Multi). |
| Flash output is inconsistent. | Battery low; Overheating; Interference with wireless signal. | Recharge battery; Allow unit to cool down; Change wireless channel/ID. |
| HSS not working. | Camera/trigger not set to HSS; Single contact mode enabled. | Ensure camera and trigger support and are set to HSS; Disable single contact mode in custom settings. |
| Modeling lamp not working. | Lamp off; Low battery. | Press modeling lamp button; Recharge battery. |

9. SPECIFICATIONS

| Feature | Detail |
|-----------------------|--|
| Model | Q4 |
| Flash Power | 400Ws |
| Guide Number (GN) | 72 (with high performance reflector, not included) |
| Flash Modes | TTL, Manual, Multi (Stroboscopic) |
| High Speed Sync (HSS) | Up to 1/8000s |
| Recycling Time | 0.01-1.2s |
| Full Power Flashes | Approx. 400 |
| Battery | 21.6V/2800mAh Lithium Ion |
| Modeling Lamp | 30W LED, 5600K, CRI95+ |
| Wireless System | 2.4G NEEWER Q System (5 Groups, 32 Channels) |
| Mount Type | Bowens Mount |

| Feature | Detail |
|------------|---|
| Dimensions | 7.28" x 6.06" x 8.35" (18.5 x 15.4 x 21.2 cm) |
| Weight | 4.94 lbs (2.24 kg) |

10. WARRANTY AND SUPPORT

NEEWER products typically come with a limited warranty. Please refer to the warranty card included in your package or visit the official NEEWER website for detailed warranty terms and conditions. For technical support, troubleshooting assistance, or service inquiries, please contact NEEWER customer support through their official channels.