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## NEEWER Q4

# NEEWER Q4 400Ws Outdoor Studio Flash Strobe User Manual

Comprehensive guide for setup, operation, and maintenance of your NEEWER Q4 Flash Strobe and NS55P Parabolic Softbox.

## PRODUCT OVERVIEW

The NEEWER Q4 400Ws Outdoor Studio Flash Strobe is a powerful and portable lighting solution designed for professional photography. It features a compact design, high power output, and versatile flash modes, making it suitable for both outdoor and studio environments. This kit also includes the NS55P Parabolic Softbox for superior lighting control.



Image: Overview of the NEEWER Q4 400Ws Flash Strobe, its battery, charger, carrying case, and the NS55P Parabolic Softbox.

## WHAT'S IN THE BOX

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- NEEWER Q4 400Ws Flash Strobe
- NS55P Parabolic Softbox
- Diffuser for Softbox
- Grid for Softbox
- 21.6V/2800mAh Lithium Battery
- Power Adapter/Charger
- Carrying Case

## SETUP GUIDE

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### 1. Charging the Battery

Before first use, fully charge the 21.6V/2800mAh Lithium Battery. Connect the included power adapter to the DC charging port on the flash unit. A full charge takes approximately 3.5 hours. The battery provides up to 400 full power flashes on a single charge.

# LARGE CAPACITY LITHIUM BATTERY

Delivers instant full light output in just 1.2 seconds. Capture the perfect moment effortlessly and choose the ideal timing for continuous flash shots.



**21.6V/2800mAh**  
Large Capacity



**400 Times**  
Full Power Flash



**0.01-1.2s**  
Recycling Time



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

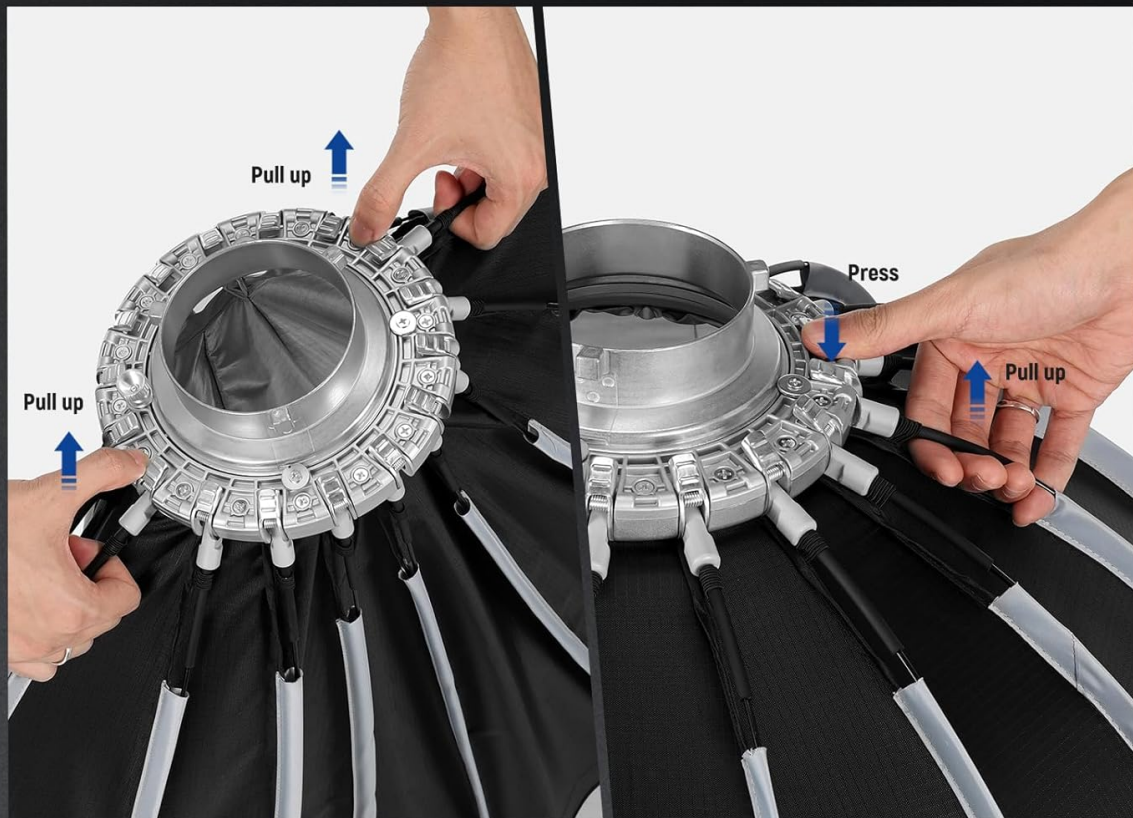
## 2. Assembling the NS55P Parabolic Softbox

The NS55P softbox features a quick-release design for easy assembly. Follow these steps:

1. **Opening:** Gently pull up the rods until they lock into place, forming the parabolic shape.
2. **Closing:** Lift the rods while simultaneously releasing the locks to collapse the softbox.
3. Attach the inner and outer diffusers, and the honeycomb grid as needed, to control light spread and softness.

# QUICK OPENING AND CLOSING DESIGN

Quick release design for simple opening and closing.



## Opening

Open the softbox and lift the rods.

## Closing

Lift the rods while releasing the locks.

Image: A visual guide demonstrating the quick opening and closing mechanism of the NS55P Parabolic Softbox, highlighting the pull-up and press actions for assembly and disassembly.

### 3. Mounting the Flash Unit and Softbox

The Q4 flash unit and NS55P softbox both feature a Bowens mount for compatibility with various light stands and accessories. Securely attach the flash unit to a sturdy light stand. Then, attach the assembled softbox to the front of the Q4 flash unit using the Bowens mount.

**Note: Do not trigger the flash without plugging in the flash tube, as this will damage the equipment.**

## OPERATING INSTRUCTIONS

### Flash Modes

The NEEWER Q4 supports three primary flash modes:

- **TTL (Through-The-Lens):** Automatic flash mode compatible with Canon E-TTL II, Nikon i-TTL, and

Sony TTL systems. This mode provides accurate exposure automatically and supports Flash Exposure Compensation.

- **Manual (M):** Allows manual control over flash power output, modeling light, and first/second curtain sync.
- **Multi (Stroboscopic):** Controls the stroboscopic rate, allowing up to 100 flashes at 199 Hz for capturing multiple exposures in a single frame.

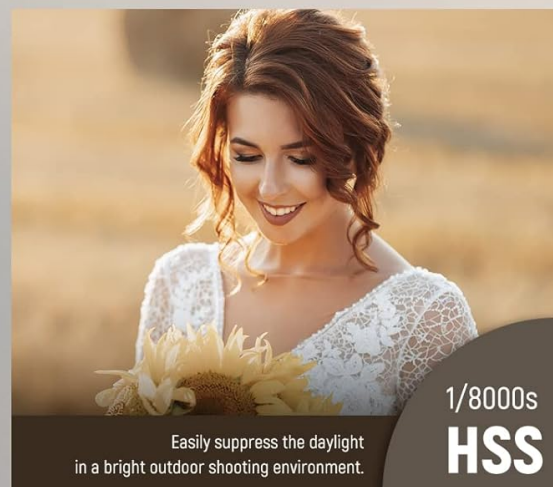


Image: A photographer using the NEEWER Q4 flash with the softbox in an outdoor setting, demonstrating the TTL automatic flash mode for accurate exposure.

## High Speed Sync (HSS)

The Q4 supports 1/8000s High Speed Sync, allowing you to synchronize the flash with fast shutter speeds. This is particularly useful for overpowering ambient light in bright outdoor environments.

# 400Ws POWER UNLEASHED

## Conquer the Bright Outdoors - Overpower the Sunlight

Elevate your outdoor commercial photography with the Q4.  
Break free from shape limitations and experience strong, stable output.  
The ultimate choice for high intensity shooting.

**GN72(1m, ISO 100)**

High Performance Reflector



Image: An outdoor scene showcasing the NEEWER Q4's 400Ws power and its ability to overpower sunlight using High Speed Sync (HSS).

### Wireless Control with NEEWER 2.4G Q System

The Q4 features a built-in NEEWER 2.4G Q System, allowing it to receive signals from a master trigger (e.g., QPRO-C/N/S Wireless Flash Trigger, not included) for effortless wireless multiple flash shooting. It supports 5 groups (A, B, C, D, E) and 32 channels (1-32), with IDs from 01-99.

# 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



Image: Diagram illustrating the NEEWER 2.4G Q System, showing the Q4 as a slave unit controlled by a master trigger (QPRO) and compatibility with other NEEWER flash units.

## Custom Settings (C.Fn) and Firmware Upgrades

The Q4 supports C.Fn custom settings for personalized operation. It also supports USB Type-C firmware upgrades to ensure your unit is always up-to-date with the latest features and improvements.

**Important: Disable Single Contact Mode for TTL and High Speed Sync functionality. Single Contact Mode only emits a flash signal and does not support other functions. It is primarily for M/Multi mode continuous shooting.**

## SINGLE CONTACT MODE IN CUSTOM SETTINGS: "SHOOT" FUNCTION



PLEASE DISABLE SINGLE CONTACT MODE FOR TTL AND HIGH SPEED SYNC

### NOTE

Single contact mode only emits a flash signal, no other functions are available. Supports M/Multi mode for continuous shooting.



Note: The QPRO trigger is not included.

Image: Close-up of the NEEWER Q4's LCD screen displaying the custom settings menu, specifically highlighting the "SHOOT" function and the note regarding Single Contact Mode.

### Modeling Lamp

The Q4 features a 30W/5600K/CRI95+ LED modeling lamp to assist with focusing and previewing lighting effects.

### Flash Duration and Recycling Time

The flash offers a duration of 1/209-1/10989s, allowing for freezing fast-moving subjects. The recycling time is between 0.01-1.2 seconds, enabling rapid continuous shooting.



Image: A dynamic shot of powder being thrown, illustrating the NEEWER Q4's ability to freeze action with its fast flash duration of 1/10989s.

### **Omnidirectional Lighting with Softbox**

When used with the NS55P Parabolic Softbox, the Q4 provides even and soft omnidirectional lighting, ideal for portraits, product photography, and live streaming.

# 360° OMNIDIRECTIONAL LIGHTING

Evenly and softly brightens the set for live streaming and photography.



Image: A comparison showing the effect of the NEEWER Q4 with the NS55P softbox providing even and soft omnidirectional lighting for a subject.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the flash unit and softbox. Avoid using abrasive cleaners or solvents.
- **Storage:** When not in use, store the Q4 flash and softbox in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the battery is partially charged (around 50%) for long-term storage.
- **Battery Care:** Do not overcharge or completely discharge the lithium battery. If storing for extended periods, charge the battery every 3-6 months to maintain its health.
- **Flash Tube:** Handle the flash tube with care. Ensure it is properly plugged in before operating the flash to prevent damage.

## TROUBLESHOOTING

| Problem                           | Possible Cause                                                                                                     | Solution                                                                                                                                |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Flash not firing                  | Battery low or uncharged; Flash tube not properly installed; Trigger not connected or faulty; Flash in sleep mode. | Charge battery; Ensure flash tube is securely plugged in; Check trigger connection and settings; Press any button to wake up the flash. |
| Inconsistent exposure in TTL mode | Flash Exposure Compensation (FEC) set incorrectly; Subject too far/close; Ambient light too strong.                | Adjust FEC; Reposition subject; Use HSS in bright conditions.                                                                           |
| Softbox difficult to open/close   | Rods not aligned or mechanism stiff.                                                                               | Ensure all rods are aligned; Apply gentle, even pressure when opening/closing.                                                          |
| Flash overheating warning         | Excessive continuous firing.                                                                                       | Allow the flash to cool down. Reduce firing frequency.                                                                                  |

## SPECIFICATIONS

|                          |                                                    |
|--------------------------|----------------------------------------------------|
| <b>Model Number</b>      | Q4                                                 |
| <b>Brand</b>             | NEEWER                                             |
| <b>Power Output</b>      | 400Ws                                              |
| <b>Guide Number (GN)</b> | 72 (with high performance reflector, not included) |
| <b>Flash Modes</b>       | TTL, Manual, Multi (Stroboscopic)                  |
| <b>High Speed Sync</b>   | Up to 1/8000s                                      |
| <b>Recycling Time</b>    | 0.01-1.2s                                          |
| <b>Flash Duration</b>    | 1/209-1/10989s                                     |
| <b>Modeling Lamp</b>     | 30W/5600K/CRI95+ LED                               |
| <b>Battery</b>           | 21.6V/2800mAh Lithium Battery                      |

|                                   |                                                      |
|-----------------------------------|------------------------------------------------------|
| <b>Full Power Flashes</b>         | Approx. 400                                          |
| <b>Charging Time</b>              | Approx. 3.5 hours                                    |
| <b>Wireless System</b>            | NEEWER 2.4G Q System                                 |
| <b>Compatible Mountings</b>       | Sony, Canon E-TTL II, Nikon (via compatible trigger) |
| <b>Product Dimensions (Flash)</b> | 7.28"D x 6.06"W x 8.35"H                             |
| <b>Product Weight (Flash)</b>     | 4.94lb                                               |
| <b>Softbox Dimensions</b>         | 21.7" x 16.1" (55 x 41cm) (NS55P)                    |
| <b>Softbox Mount</b>              | Bowens Mount                                         |

## WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the official NEEWER website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

**Manufacturer:** Neewer

**Date First Available:** September 18, 2024