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> NEEWER S101-400W PRO Studio Strobe Flash Instruction Manual

NEEWER S101-400W PRO

NEEWER S101-400W PRO Studio Strobe Flash Instruction Manual

Model: S101-400W PRO

INTRODUCTION

This instruction manual provides comprehensive guidance for the safe and effective use of your NEEWER S101-400W PRO Studio Strobe Flash. Please read this manual thoroughly before operating the product and retain it for future reference. This professional-grade monolight is designed for studio photography, offering powerful and stable illumination for various applications including commercial, portrait, wedding, and still life photography.

SAFETY INFORMATION

To prevent damage to the product or injury to yourself or others, observe the following safety precautions:

- **Electrical Safety:** Always ensure the power supply matches the voltage requirements of the flash. Do not operate with wet hands or in damp environments. Unplug the unit before cleaning or maintenance.
- **Heat Warning:** The flash tube and modeling lamp can become very hot during operation. Allow sufficient time for cooling before handling. Do not cover the ventilation openings.
- **Eye Protection:** The flash emits intense light. Avoid direct eye exposure to the flash, especially at close range.
- **Proper Handling:** Handle the unit with care. Avoid dropping or subjecting it to strong impacts. Do not attempt to disassemble or repair the unit yourself; contact qualified service personnel.
- **Ventilation:** Ensure adequate ventilation around the flash unit during use to prevent overheating.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x NEEWER S101-400W PRO Monolight (with Modeling Lamp)
- 1 x 2.4G Wireless Trigger
- 1 x Standard Reflector
- 1 x Power Cable

- 1 x User Manual



CONTENUTO DELLA CONFEZIONE

- 1x flash S101-400W PRO (con lampada pilota)
- 1x riflettore standard
- 1x coperchio della lampada
- 1x cavo di alimentazione
- 1x trigger da 2,4G

Image: Contents of the NEEWER S101-400W PRO package, including the monolight, trigger, reflector, and cables.

PRODUCT OVERVIEW

The NEEWER S101-400W PRO is a high-performance studio strobe flash designed for professional photographic lighting. Key features include:

- **Powerful Output:** 400Ws flash power with a Guide Number (GN) of 65 (at 1m, ISO100).
- **Advanced Modeling Lamp:** 150W LED modeling lamp (2600K) with 10%-100% brightness adjustment.
- **Stable Color Temperature:** Consistent 5600K \pm 200K daylight color temperature for accurate color reproduction.
- **Fast Performance:** Quick recycle time of 0.1-2.4s and short flash duration of 1/100-1/1000s, ideal for capturing dynamic subjects.
- **Integrated Wireless System:** Built-in 2.4G wireless system with 16 channels and a 30m operating range. Compatible with NEEWER QPRO triggers (sold separately) for enhanced functionality.
- **Versatile Triggering:** Supports S1/S2 optical slave modes for flexible synchronization with other flashes.
- **Universal Compatibility:** Standard Bowens mount for a wide range of light modifiers and an integrated umbrella socket.
- **Efficient Cooling:** Upgraded silent cooling fan and heat-conductive metal casing ensure stable operation and extended lifespan, even after 260 continuous full-power flashes.
- **User-Friendly Interface:** HD LCD screen provides clear visual feedback and quick data access for easy configuration.

S101-400W PRO

FLASH DA STUDIO PROFESSIONALE AD ALTA POTENZA

400Ws

Potenza del flash

GN65

Numero guida alto

5600K±200K

Temperatura del colore stabile

1/64~1/1

Regolazione della
potenza del flash



Image: Overview of the NEEWER S101-400W PRO Studio Strobe Flash, highlighting its 400Ws power, GN65, 5600K color temperature, and flash power adjustment range.

DETTAGLI DEL PRODOTTO



Interfaccia di controllo senza fili



Maniglia comoda e resistente



Dimensioni del corpo lampada



Pannello LCD semplice e chiaro

Image: Detailed view of the NEEWER S101-400W PRO's control panel, including the sync port, handle, and overall dimensions.

SETUP

Follow these steps to set up your NEEWER S101-400W PRO Studio Strobe Flash:

- 1. Mounting the Monolight:** Securely attach the S101-400W PRO monolight to a sturdy light stand using its integrated mounting bracket. Adjust the angle as needed and tighten the locking knob.
- 2. Attaching the Reflector:** Align the standard reflector (or any Bowens mount light modifier) with the Bowens mount on the front of the flash. Insert and twist clockwise until it clicks into place.
- 3. Connecting Power:** Connect the provided power cable to the power input port on the rear of the monolight. Plug the other end into a compatible AC power outlet.
- 4. Installing the Wireless Trigger:**
 - **For Camera Hot Shoe:** Slide the included 2.4G wireless trigger onto your camera's hot shoe. Ensure it is firmly seated.
 - **For Sync Cable (Optional):** If your camera has a PC sync port, you can connect a 3.5mm sync cable (not included) from the flash's sync port to your camera.

NEEWER

S101-400W PRO

FLASH DA STUDIO PROFESSIONALE AD ALTA POTENZA

400Ws
Potenza del flash

5600K±200K
Luce naturale fredda

GN65
Numero guida alto

[1/64-1/1]
Regolazione della potenza del flash

1/100-1/1000s
Durata del flash

0.1-2.4s
Tempo di riciclo



Image: Example of a studio setup using the NEEWER S101-400W PRO with a softbox and light stand.

OPERATING INSTRUCTIONS

Understand how to operate your NEEWER S101-400W PRO for optimal lighting control:

1. **Power On/Off:** Press the power button located on the rear control panel to turn the monolight on or off.
2. **Adjusting Flash Power:** Rotate the main control dial on the rear panel to adjust the flash output. The power can be set from 4.0 to 10, corresponding to 1/64 to 1/1 power. The current setting will be displayed on the HD LCD screen.
3. **Modeling Lamp Control:**
 - Press the 'MODEL' button to toggle the 150W LED modeling lamp on or off.
 - Rotate the control dial to adjust the modeling lamp's brightness from 10% to 100%. The modeling lamp has a color temperature of 2600K.

150W 2600K

LUCE MODELLANTE

La lampada pilota da 150W aggiornata ha dimensioni compatte e regolazione della luminosità dal 10% al 100% (incrementi del 10%).



Image: The 150W 2600K modeling lamp and its adjustable brightness levels (10%, 50%, 100%).

150W 2600K LUCE DA MODELLANTE

La lampada pilota da 150W aggiornata ha dimensioni compatte e regolazione dell'aluminosità dal 10% al 100% (incrementi del 10%).



Image: Demonstration of the 150W 2600K modeling lamp's effect on a subject's illumination.

4. Wireless Control (2.4G Trigger):

- Ensure both the flash and the 2.4G wireless trigger are set to the same channel (1-16) and group.

- The trigger allows for remote firing of the flash within a 30m range.
- For more advanced control, including faster synchronization and improved anti-interference capabilities, consider using a NEEWER QPRO trigger (sold separately), which supports 1-99 wireless IDs and 32 channels.



Image: The NEEWER S101-400W PRO operating with its 2.4G wireless Q system, showing a photographer using a trigger.

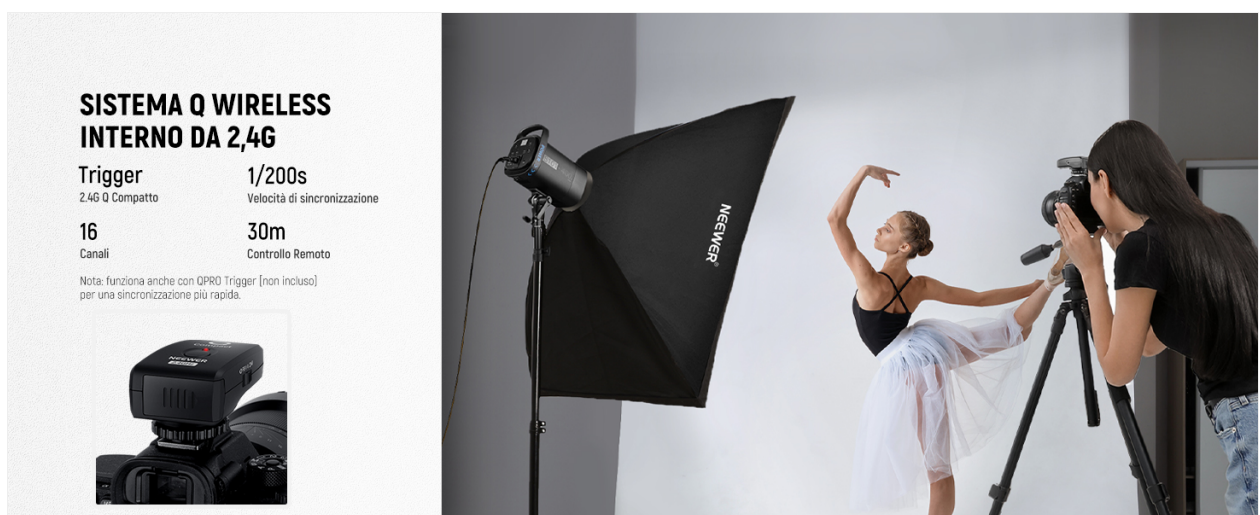


Image: Diagram illustrating the 2.4G wireless system, showing trigger, sync speed, channels, and remote control range.

5. S1/S2 Optical Slave Modes:

- Press the 'S1/S2' button to cycle between S1 and S2 optical slave modes.
- **S1 Mode:** The flash will fire in response to the first flash from a manual master flash.
- **S2 Mode:** The flash will ignore the pre-flash from a TTL master flash and fire in response to the main flash.



Image: Visual representation of multiple triggering modes, including wireless flash, S1/S2 control, sync line interface, and test flash.

6. **Test Flash:** Press the 'TEST' button to manually fire a test flash and check your lighting setup.
7. **Flash Duration and Recycle Time:** The flash offers a duration of 1/100-1/1000s and a recycle time of 0.1-2.4s, allowing for rapid consecutive shots.
8. **Using Bowens Mount Accessories:** The universal Bowens mount allows you to attach various light modifiers such as softboxes, beauty dishes, snoots, and reflectors to shape and control your light.
9. **Using the Umbrella Socket:** An integrated umbrella socket is provided for mounting photographic umbrellas, offering soft and diffused lighting options.



FORO DELL'OMBRELLO INCORPORATO

Per fissare un ombrello fotografico.

Nota: l'ombrello non è incluso



ATTACCO BOWENS UNIVERSAL



Softbox Parabolico



Softbox Quadrato



Riflettore Standard



Snoot



Beauty Dish

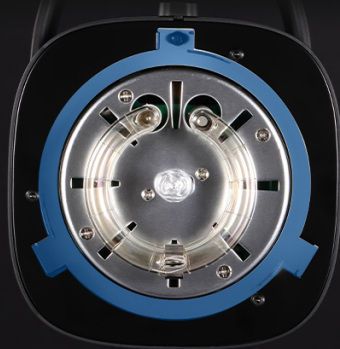


Softbox Ottagonale



Image: The universal Bowens mount and integrated umbrella socket on the NEEWER S101-400W PRO, showing compatibility with various light modifiers.

ATTACCO BOWENS UNIVERSALE PER AMPIA ESPANSIONE



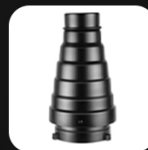
Softbox Parabolico



Softbox Quadrato



Riflettore Standard



Snoot



Beauty Dish



Softbox Ottagonale

Image: Diagram illustrating the Bowens mount and its compatibility with parabolic softboxes, square softboxes, standard reflectors, snoots, beauty dishes, and octagonal softboxes.

Proper maintenance ensures the longevity and optimal performance of your flash unit:

- **Cleaning:** Always power off and unplug the unit before cleaning. Use a soft, dry cloth to wipe the exterior. Avoid using liquid cleaners, solvents, or abrasive materials. Keep the flash tube and modeling lamp free of dust and fingerprints for consistent light output.
- **Cooling System:** The S101-400W PRO features an efficient and silent cooling fan. Regularly check that the ventilation openings are clear of dust and obstructions to ensure proper airflow and prevent overheating. The advanced heat dissipation system allows for extended use, including up to 260 continuous full-power flashes without overheating.
- **Modeling Lamp Replacement:** The modeling lamp is a 150W G6.35/230V type. If the modeling lamp needs replacement, ensure the unit is unplugged and completely cool. Carefully remove the old lamp and insert a new one. Avoid touching the glass of the new lamp with bare hands, as oils can reduce its lifespan.

SISTEMA DI RAFFREDDAMENTO EFFICIENTE NUOVO E AGGIORNATO


Dissipazione efficiente del calore, nessun rumore


260 flash consecutivi a piena potenza senza surriscaldamento


Scocca in metallo termicamente conduttivo


Sistema di raffreddamento avanzato



Image: The efficient and updated cooling system of the NEEWER S101-400W PRO, featuring a silent cooling fan and heat-conductive metal casing.

SISTEMA DI RAFFREDDAMENTO EFFICIENTE NUOVO E AGGIORNATO



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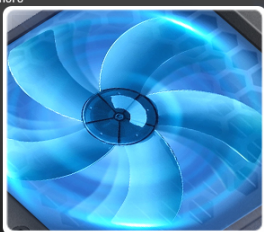


Image: Diagram illustrating the internal components and airflow of the cooling system, highlighting efficient heat dissipation.

TROUBLESHOOTING

If you encounter issues with your NEEWER S101-400W PRO, refer to the following common problems and solutions:

• Flash Not Firing:

- Ensure the flash unit is powered on and properly connected to a power source.
- Check the battery in the 2.4G wireless trigger and ensure it is correctly installed on your camera's hot shoe.
- Verify that the flash and trigger are set to the same channel and group.
- If using S1/S2 optical slave modes, ensure the master flash is firing correctly and the slave flash is positioned to detect it.
- Note that the included 2.4G trigger is a basic model. For cameras requiring TTL or more advanced synchronization, a NEEWER QPRO trigger (sold separately) may be necessary.

• Modeling Lamp Not Working:

- Check if the modeling lamp is turned on via the 'MODEL' button.
- Verify the brightness setting is not at 0%.
- Inspect the modeling lamp filament. If it appears broken, the lamp may need to be replaced (150W G6.35/230V type).

• Unit Overheating:

- Ensure that the ventilation openings on the unit are not blocked.
- If operating at full power for an extended period, allow the unit to cool down periodically. The advanced cooling system is designed for durability, but continuous extreme use may still generate heat.

• Inconsistent Flash Output:

- Check the flash power settings on the unit.
- Ensure a stable power supply.
- Allow sufficient recycle time between flashes, especially at higher power settings.

SPECIFICATIONS

| Feature | Specification |
|---------|---------------|
|---------|---------------|

| Feature | Specification |
|--------------------------|---|
| Model | S101-400W PRO |
| Flash Power Output | 400Ws |
| Guide Number (GN) | 65 (1m, ISO100) |
| Modeling Lamp | 150W LED (2600K) |
| Modeling Lamp Brightness | 10%-100% (Adjustable) |
| Color Temperature | 5600K±200K |
| Flash Power Adjustment | 4.0-10 (1/64-1/1) |
| Flash Duration | 1/100-1/1000s |
| Recycle Time | 0.1-2.4s |
| Wireless System | 2.4G RF (16 Channels, 30m Range) |
| Optical Slave Modes | S1/S2 |
| Sync Speed | Up to 1/200s |
| Mount Type | Bowens Mount |
| Cooling | Silent Cooling Fan, Advanced Heat Dissipation |
| Dimensions (D x W x H) | 15.7P x 23.1l x 15.8H cm (approx. 6.2 x 9.1 x 6.2 inches) |
| Manufacturer | NEEWER |
| Country of Origin | China |

WARRANTY AND SUPPORT

Warranty: Specific warranty details for the NEEWER S101-400W PRO are not provided within this manual. Please refer to your purchase documentation, retailer's policy, or the official NEEWER website for comprehensive warranty information applicable to your region.

Support: For technical assistance, product inquiries, or service requests, please visit the official NEEWER website or contact their customer support channels. You may find FAQs, driver downloads, and contact information for support services there.