

NEEWER 10106963

NEEWER QZ-S TTL Wireless Flash Trigger Transmitter User Manual

Model: 10106963

1. INTRODUCTION

The NEEWER QZ-S TTL Wireless Flash Trigger Transmitter is a professional device designed for seamless control of NEEWER Q system flashes with Sony cameras. It features an intuitive OLED touchscreen, multiple flash modes, and robust wireless capabilities, making it an essential tool for photographers seeking precise lighting control.



Image: The NEEWER QZ-S flash trigger, showcasing its compact design and OLED display.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x NEEWER QZ-S Flash Trigger
- 1 x USB to Type-C Cable
- 1 x Storage Case

PACKAGE CONTENTS



1 x QZ-S Flash Trigger



1 x USB to Type C Cable



1 x Storage Case

SPECIFICATIONS

Model
QZ-S

Compatibility
Compatible with Canon Cameras

Built-in Battery
3.7V, 1000mAh, 3.7Wh

Charging Time
2.5 hours

Battery Life
Approximately 6-10 hours

TTL Auto Flash
✓

Manual Flash
✓

Strobe Flash
✓

Front Curtain Sync
✓

Rear Curtain Sync
✓

High-speed Sync
✓

Exposure Compensation
±3EV, adjustable in 1/3EV increments

Buzzer
The flash buzzer can be controlled via the flash trigger

ZOOM Setting
Automatic, Manual (20-200mm)

TCM Conversion
Converts TTL shooting values to M output values

Firmware Update
USB C interface

Memory Function
✓

Display
Touchscreen, screen brightness adjustable

Transmission Range
0-100m

Channels
32

Wireless ID
OFF, 01-99

Groups
A, B, C, D, E

Dimensions
2.5"×1.6"×1.5"/64×41×38mm

Weight
2.1oz/60g

Image: All components included in the NEEWER QZ-S flash trigger package.

3. PRODUCT OVERVIEW

Familiarize yourself with the components and controls of your NEEWER QZ-S flash trigger.

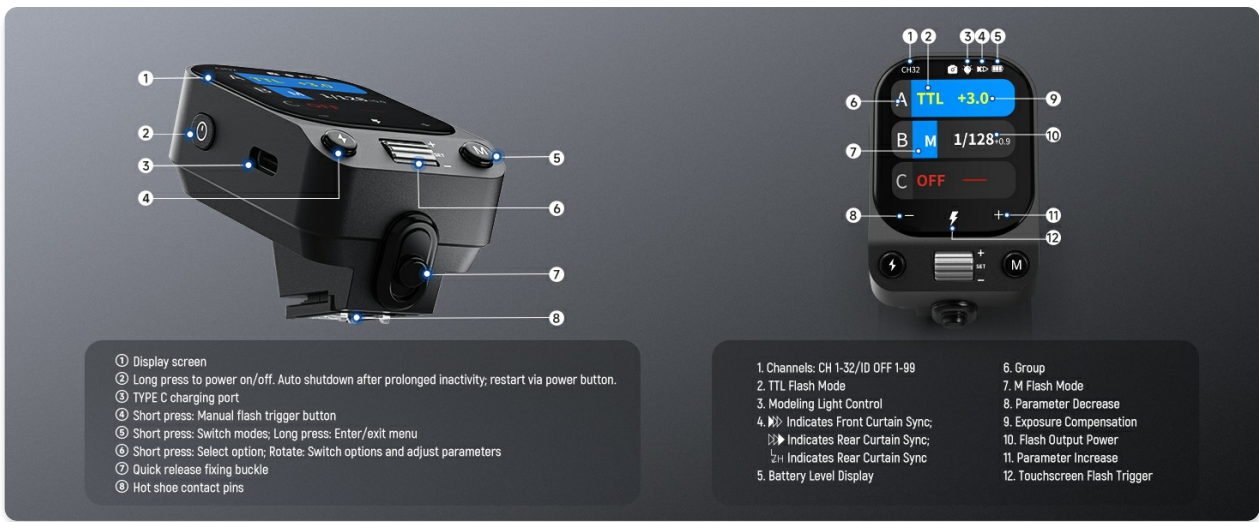


Image: Labeled diagram of the NEEWER QZ-S flash trigger's physical features.

Display and Controls

- **OLED Touchscreen:** Provides a clear interface for all settings and functions.
- **Buttons and Dials:** For quick adjustments and menu navigation.

HD OLED TOUCHSCREEN

Smoothly control all functions with a simple swipe or tap on the full color OLED screen. Its intuitive display and effortless significantly boost shooting efficiency.

Pull down - Page lock

Prevents accidental touches during shooting, allowing you to focus on creation.



Adjustable Screen Brightness

Can be displayed clearly in any lighting environment, suitable for indoor and outdoor shooting.



Swipe down to access the settings UI and tap <MENU> to open the menu



Swipe down the screen and click the < >



Slide to adjust the screen brightness.



Image: The high-definition OLED touchscreen in operation.

4. SETUP

4.1 Charging the Battery

The QZ-S flash trigger is equipped with a built-in 1000mAh lithium battery. To charge:

1. Connect the included USB Type-C cable to the charging port on the side of the trigger.
2. Connect the other end of the cable to a USB power source (e.g., computer, USB wall adapter).
3. The battery icon on the OLED screen will indicate charging status. A full charge takes approximately 2.5 hours.

QUICK CHARGE, LONG LASTING BATTERY

1000mAh rechargeable lithium battery with Type C. Update firmware via Type C for new features.



Image: The USB-C charging port on the NEEWER QZ-S flash trigger.

4.2 Mounting the Flash Trigger

To mount the QZ-S on your Sony camera:

1. Slide the flash trigger onto your camera's hot shoe.
2. Secure it in place using the quick lock mechanism. Ensure it is firmly attached to prevent accidental dislodgement.



QUICK MOUNT HOT SHOE

Fast installation, sturdy

Mount the trigger onto a camera's hot shoe and slide the quick release lock to secure it.

Image: Demonstrating the quick mount hot shoe installation.

4.3 Power On/Off

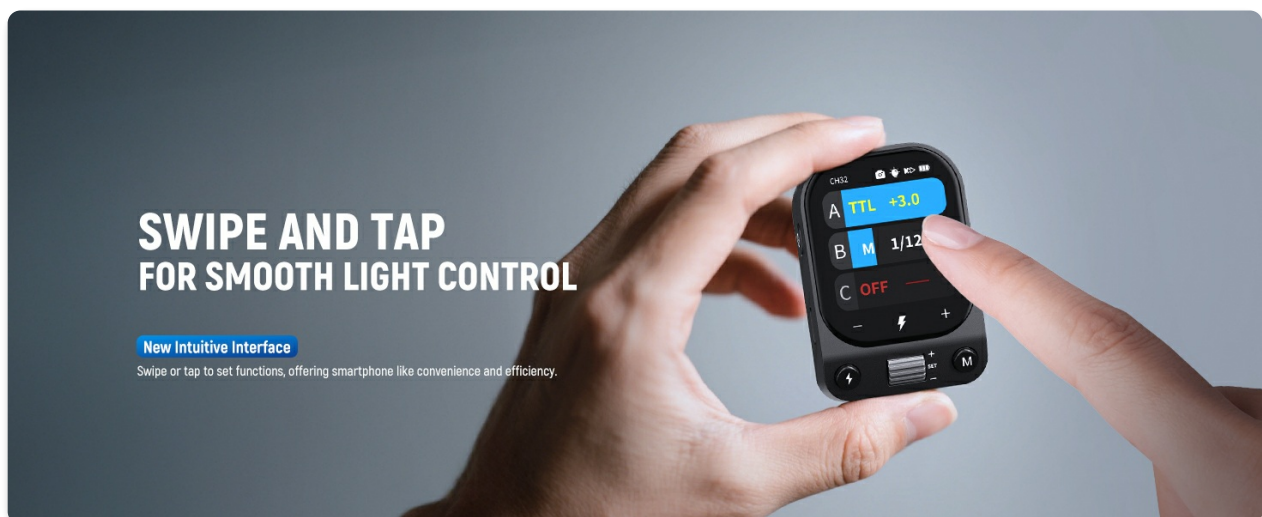
To power on the device, long press the power button. To power off, long press the power button again. The device also features an auto-shutdown function after prolonged inactivity to conserve battery.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

Navigating the Touchscreen

The QZ-S features an intuitive OLED touchscreen. Swipe and tap gestures are used to access and adjust various settings.



SWIPE AND TAP FOR SMOOTH LIGHT CONTROL

New Intuitive Interface

Swipe or tap to set functions, offering smartphone like convenience and efficiency.

Image: User interacting with the touchscreen for light control.

Adjusting Screen Brightness

Swipe down on the screen to access the settings menu, then tap the brightness icon to adjust the display brightness. This ensures clear visibility in various lighting conditions.

Page Lock Function

To prevent accidental touches during shooting, long press the flash trigger button for 2 seconds or the screen for 3 seconds to lock/unlock the display.

5.2 Flash Modes

TTL Automatic Flash

In TTL (Through-The-Lens) mode, the flash trigger automatically determines the correct flash output for optimal exposure. This mode is ideal for fast-paced shooting where lighting conditions may change rapidly.

Manual Flash (M)

Manual mode allows you to precisely control the flash output from 1/128 to 1/1 power. This mode is suitable for controlled environments where consistent lighting is desired.

TCM (TTL to Manual) Conversion

The TCM function allows you to convert TTL shooting values into manual output values, providing the flexibility of manual control while leveraging the initial convenience of TTL metering.

TCM CONVERSION

EFFICIENT AND FLEXIBLE

With TCM conversion, switch effortlessly between the high efficiency of TTL mode and the precision of manual mode, adapting flexibly to various shooting scenarios.



Image: Visual representation of the TCM conversion process.

Stroboscopic Flash

This mode allows the flash to fire multiple times during a single exposure, creating a stroboscopic effect. Useful for capturing motion sequences.

Optical Slave Modes (S1/S2)

Available only in Manual Mode, S1 and S2 optical slave modes allow the QZ-S to trigger other flashes wirelessly by detecting their light output. S1 triggers on the first flash, S2 ignores the pre-flash.

5.3 Advanced Functions

High-Speed Sync (HSS)

HSS enables flash synchronization at shutter speeds up to 1/8000s, allowing you to use flash with wide apertures in bright conditions.

Flash Exposure Compensation (FEC)

Adjust the flash output in TTL mode with ± 3 EV compensation in 1/3 EV increments to fine-tune exposure.

Zoom Control

The flash trigger supports manual or automatic adjustment of the flash zoom from 20mm to 200mm to match your lens's focal length.

Modeling Lamp Control

Control the modeling lamp of compatible NEEWER Q system flashes directly from the QZ-S trigger.



Image: Display options for modeling light control and other functions.

Single Point Triggering

Ensures accurate triggering with minimal lag.

Group Control

Control up to 5 groups (A, B, C, D, E) of compatible flashes independently.

5.4 Wireless Q System

The QZ-S features a built-in 2.4G wireless Q system, allowing it to remotely trigger and control compatible NEEWER Q system flashes within a 100m (328') range. Compatible flashes include Z2PRO-S, Z2II-S, Z2-S, Z1-S, Z880-S, NW760-S, S101-400W Pro, S102-400W Pro, Q4, Q6, Q300, and Q200 (off-camera triggering only).

BUILT IN 2.4G WIRELESS Q SYSTEM

It can wirelessly control on camera flashes, outdoor flashes and studio flashes of the built in Neewer Q flash system.



Image: The QZ-S trigger controlling multiple studio lights wirelessly.

Channel Scanning

To minimize signal interference, the QZ-S can scan for idle channels. It supports 32 channels and 01-99 IDs.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the flash trigger. Avoid using harsh chemicals or abrasive materials.
- **Storage:** When not in use, store the trigger in its provided storage case in a cool, dry place away from direct sunlight and extreme temperatures.
- **Firmware Updates:** The QZ-S supports firmware upgrades via its USB-C port. Check the official NEEWER website for the latest firmware versions and instructions to ensure optimal performance and access to new features.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Trigger not powering on	Low battery; Power button not pressed long enough	Charge the battery; Long press the power button for 2 seconds
Flash not firing	Incorrect channel/ID; Trigger not securely mounted; Flash not compatible or powered on	Ensure trigger and flash are on the same channel/ID; Re-mount trigger securely; Check flash power and compatibility
Screen unresponsive	Screen lock engaged; Software glitch	Long press screen for 3 seconds to unlock; Restart the device
Inconsistent flash output	Interference; Incorrect settings	Use channel scanning to find an idle channel; Verify flash mode and exposure compensation settings

If you encounter issues not listed here, please refer to the support section or contact NEEWER customer service.

8. SPECIFICATIONS

Model	QZ-S
Compatibility	Sony Cameras (A9 III, A7R V, A6700, ZV-E1, etc.)
Built-in Battery	3.7V, 1000mAh, 3.7Wh Lithium
Charging Time	Approx. 2.5 hours (via USB-C)
Battery Life	Approx. 6-10 hours
Flash Modes	TTL Auto Flash, Manual Flash, Strobe Flash, S1/S2 Optical Slave
Sync Modes	Front Curtain Sync, Rear Curtain Sync, High-speed Sync (HSS) up to 1/8000s
Exposure Compensation	±3 EV in 1/3 EV increments
Zoom Setting	Automatic, Manual (20-200mm)
TCM Conversion	Converts TTL shooting values to Manual output values
Display	OLED Touchscreen (brightness adjustable)
Wireless System	Built-in 2.4G Wireless Q System

Transmission Range	0-100m (328')
Channels	32
Wireless ID	01-99
Groups	A, B, C, D, E
Dimensions	2.5"x1.6"x1.5" / 64x41x38mm
Weight	2.1oz / 60g

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official NEEWER website. You can also contact NEEWER customer service directly for assistance with product operation, troubleshooting, or service inquiries.