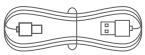
EN

Product Overview

The compact and portable QZ Trigger supports TTL, HSS, and 1/8000s flash duration. Compatible with hot shoe cameras, it can effortlessly control any on-camera flash, outdoor flash, studio flash, or retro flash that complies with the NEEWER 2.4G Wireless Q System. Featuring strong anti-interference capability, 32 channels, and 99 IDs, this trigger ensures stable and smooth performance in various environments, whilst its intuitive touchscreen and function buttons also make it easy to use.

Package Contents

QZ trigger ×1

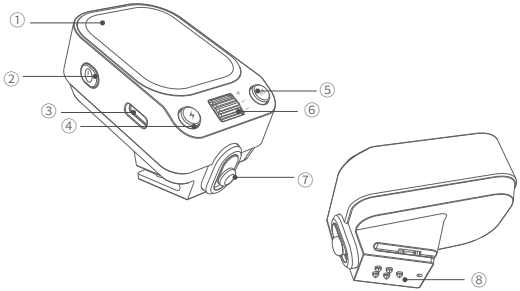


USB C cable ×1

Carrying case ×1

Product Illustration

Body

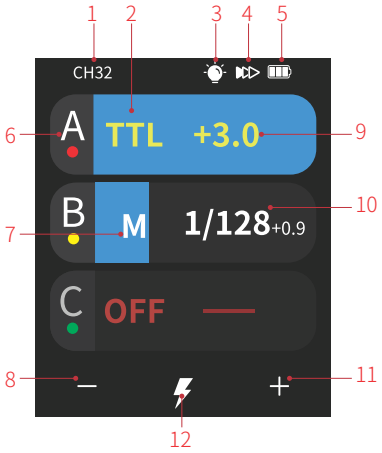


① Display
② Power button: long press to turn on/off (auto-shutdown after inactivity, long press to restart)
③ USB C port
④ Test flash button: short press
⑤ M button: short press to switch modes; long press to enter/exit menu
⑥ Set button: short press to select; scroll to navigate menu and adjust settings
⑦ Quick-release lock
⑧ Hot shoe contacts

※ Should the device malfunction , press < ⚡ > and < ⏻ > buttons to reset and turn off the trigger, then press < ⏻ > button to reboot.

Product Illustration

Display

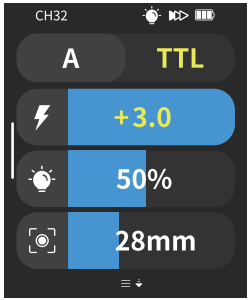


1. Channel CH 1~32/ID OFF 1~99
2. TTL flash mode
3. Modeling lamp control
4. Front-curtain sync;
   Rear-curtain sync;
   High-speed sync (HSS)
5. Battery level
6. Groups
7. Manual flash mode (M)
8. Settings -
9. Exposure compensation
10. Flash output power
11. Settings +
12. Switches between parameter configuration of the flash and modeling lamp

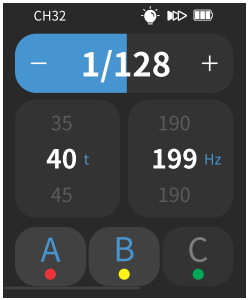
Product Illustration

EN

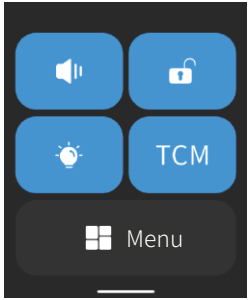
Multi-group UI



Single-group UI

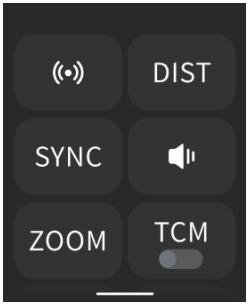


Flash UI



Settings UI

Product Illustration



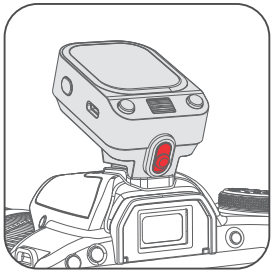
Menu UI

Using the touchscreen

1. Tap to adjust any of the settings on the display.
2. On main UI, swipe up and down to check multi-group power levels or flash exposure value (FEV).
3. On main UI, swipe right to enter flash UI.
4. On flash UI, swipe left to return to main UI.
5. On main or flash UI, swipe down to enter settings UI, then tap "**MENU**" to enter menu UI for customization.
6. On menu UI, swipe up to return to main or flash UI.
7. On sub-menu UI, swipe right to return to main menu UI.
8. On single-group UI, swipe right to return to multi-group UI.
9. On single-group UI, swipe up and down to switch to different groups.

10. On single-group UI, tap **M** or **TTL** to select manual or auto flash (only for multi-contact hot shoes).
11. On any UI, drag sliders to adjust output power levels and flash exposure values.
12. Tap **+** or **-** to increase or decrease values.
13. Tap < ⚡ > and < ☀ > to switch between flash and modeling lamp.

Mounting Instructions



Mounting the trigger

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

About the Battery

1. Battery levels

(Refer to the battery icon on the display.)

Battery icon	Status
3 bars	Full
2 bars	Medium
1 bar	Low
Empty	Very low. Charge as soon as possible
Flashing	Battery is running out (the battery should be charged immediately to prevent misfires or shutdown)

2. Battery warnings

① Do not charge for over 24 hours.

② Fully recharge the battery if unused for more than 3 months.

Directions for Use

- **Wirelessly sync with an on-camera flash**

Example: NEEWER Z2 flash:

1. Turn off the camera and mount the trigger onto the camera's hot shoe, then turn on the trigger and the camera.

Directions for Use

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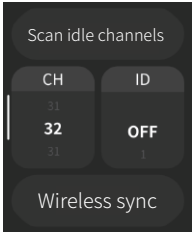
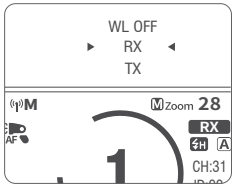
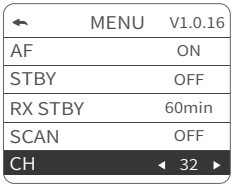
2. Setting the QZ trigger: On the display, swipe down to access settings UI and tap <**MENU**> to open the menu. Tap Wireless Settings to set channels and IDs. Swipe right to return to main UI and set flash modes or flash power levels of the desired group.



3. Setting the Z2 flash:
Power on the Z2 flash. Press the < > Wireless Settings button and rotate the adjustment dial to select RX mode. Ensure the display shows the wireless icon <> and the slave unit icon <RX>. Long-press Function Button 1 (Zm/Fn) to enter the custom menu, then set the channel <CH> and ID number <ID> to match the settings on the QZ trigger. (Note: For other flash models, refer to their respective user manuals.)





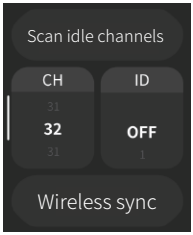
4. Press the camera shutter button to trigger a flash.

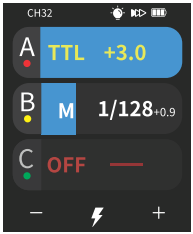
- **Wirelessly sync with an outdoor flash**

Example: NEEWER Q4 flash：

1. Turn off the camera and mount the trigger onto the camera's hot shoe, then turn on the trigger and the camera.

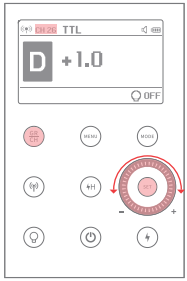
2. Setting the QZ trigger: On the display, swipe down to access settings UI and tap <**MENU**> to open the menu. Tap Wireless Settings to set channels and IDs. Swipe right to return to main UI and set flash modes or flash power levels of the desired group.

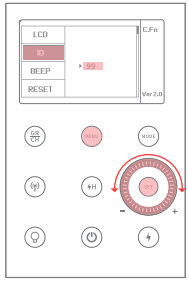




3.Setting the Q4 flash: Power on the Q4 flash. Press < > Wireless Settings button until the icon < > appears on the screen. Long-press the < > button for 2s to select channels, then rotate the adjustment dial to set the same channel as the QZ trigger. Press the<**MENU**> button to enter menu mode, then rotate the adjustment dial to set the ID as the QZ trigger (note: For other flash models, refer to their respective user manuals).

Directions for Use



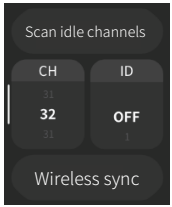


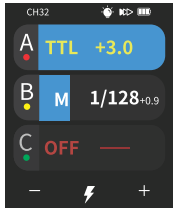
- **Wirelessly sync with a studio flash**

Example: NEEWER S101-400W PRO flash

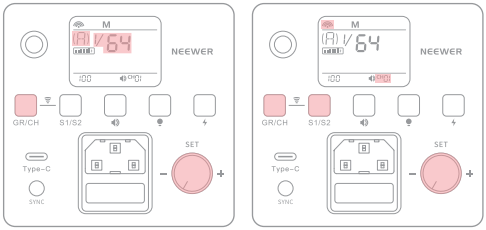
1. Turn off the camera and mount the trigger onto the camera's hot shoe, then turn on the trigger and the camera.

2. Setting the QZ trigger: On the display, swipe down to access settings UI and tap <**MENU**> to open the menu. Tap Wireless Settings to set channels and IDs. Swipe right to return to main UI and set flash modes or flash power levels of the desired group.





3. Setting the S101-400W flash:
Connect the flash to a wall outlet and turn it on. Simultaneously press and hold the <GR/CH> and <S1/S2> buttons until the wireless icon appears on the screen. Long-press the <GR/CH> button to set the same channel as the trigger, then short-press <GR/CH> to match the trigger' s group. (Note: For other flash models, refer to their respective user manuals.)



4. Press the camera shutter button to trigger a flash.

Note: The studio flash has a minimum output of 1/64, so please ensure the trigger's output value is set to 1/64 or higher. Since the studio flash doesn't have **TTL** or stroboscopic functions, please set the trigger to manual (**M**) mode.

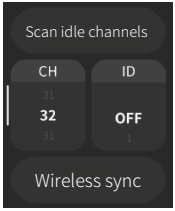
Directions for Use

- **Wirelessly sync with an original flash**

Example: Nikon SB-5000 speedlite:

1. Turn off the camera and mount the trigger onto the camera's hot shoe, then turn on the trigger and the camera.

2. Setting the QZ trigger: On the display, swipe down to access settings UI and tap <**MENU**> to open the menu. Tap Wireless Settings to set channels and IDs. Swipe right to return to main UI and set flash modes or flash power levels for the required group.



3. Power on the original flash and mount it on the Q-N receiver. Long press the <**TX/RX**> button to set RX mode. Long press the <**Zm/CH**> button to set the same channel as QZ-N trigger. Press the <**MENU**> button, select <**ID**>, and set the same ID as the QZ-N trigger ((Note: when setting the original flash, please refer to its own user manual).

4. Press the camera shutter button to trigger a flash.
Note: The Q-N receiver is sold separately.

• Setting channels and wireless IDs

1. On the main UI screen, swipe down the display or long press <**M**> button to access settings UI. Tap <**MENU**> to open menu.

2. Tap < ((•)) > to go to wireless settings. Scroll the wheel of CH to select 1-32 or the wheel of ID to select OFF/1-99. After selection, swipe right to exit.

※ Before use, make sure the channel and ID on the trigger and flash are matched.

• Wireless sync

Wireless Sync allows quick pairing of channels and IDs between the trigger and flash.

1. From menu UI, tap <((•))> then Wireless Sync.

2. Enable the wireless sync function on the flash.

Note:
This function must be used together with the wireless synchronization function on the receiver side. It will automatically sync the QZ' s wireless channel and ID to the receiver, enabling quick wireless pairing.

Directions for Use

• Scan for idle channel

Use the "scan idle channels" function to avoid using occupied channels and improve anti-interference capacity.

1. From menu UI, tap < ((•)) > then Scan Idle Channels.

2. Six idle channels will appear on the display. Tap one and set it as the channel on the trigger.

• Setting Zoom

From <**ZOOM**> UI, swipe down to adjust Zoom values.
Adjustment range: Auto/20mm-200mm.

- **Setting sync mode**

Enter the <**SYNC**> menu to select front-curtain, or high-speed sync modes.

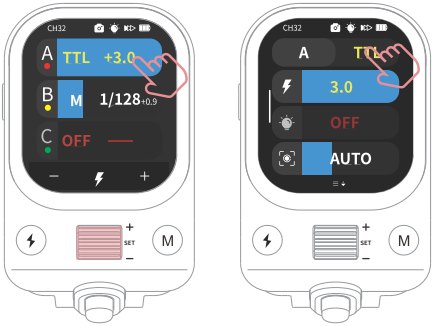
Rear-curtain sync needs to be enabled in the camera settings.

- **Setting minimum output power & power increments**

From < > UI, set the minimum output power (1/128, 1/256, 1/512, 3.0, 2.0, 1.0) and power increments (0.1, 0.3).

Directions for Use

- **Setting TTL mode**



1. On multi-group UI, tap the slider to switch to single-group UI, then tap the mode name to select TTL. Swipe down to select modes of other groups.
2. On multi-group UI, drag the slider to adjust exposure compensation values. Short press <**SET**> button until a yellow frame appears on the slider, then scroll <**SET**> button to adjust exposure compensation values.

   ※ Tap <**+**> and <**-**> to simultaneously adjust exposure values of all groups.
3. When a single group is displayed, tap to enable/disable the modeling lamp or choose auto/manual focal length. Slide to adjust flash output power, modeling lamp, and focal length.
4. On multi-group UI, tap < > and < > to switch between flash and modeling lamp settings.
5. On multi-group UI, swipe up and tap <More Groups> to enable or disable groups.

- **Setting M (manual) mode**

1. On the multi-group UI, tap the slider to switch to single-group UI, then tap **M**. Swipe down the display to select flash modes of other groups.

2. On the multi-group UI, drag the slider to adjust flash output power. Alternatively, short press <**SET**> button until a yellow frame appears on the slider, then scroll <**SET**> button to adjust flash output power.

   ※ Tap <**+**> and <**-**> to simultaneously adjust flash output power of all groups.

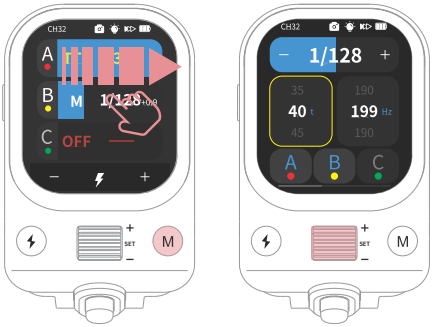
3. When a single group is displayed, tap to enable/disable the modeling lamp or choose auto/manual focal length. Slide to adjust flash output power, modeling lamp, and focal length.

4. On multi-group UI, tap < ⚡ > and < ☀ > to switch between flash and modeling lamp settings.

5. On multi-group UI, swipe up and tap <More Groups> to enable or disable groups.

Directions for Use

- **Setting stroboscopic mode**



1. When multi-group setting is displayed, swipe from left to right or short press <M> button to enter stroboscopic mode.

2. Scroll wheels on the display to adjust flash output power, flash frequency, and times of flashes. Short press <**SET**> button until a yellow frame appears on the wheel, then scroll <**SET**> button to adjust the values.

3. Enable or disable groups on the bottom of the display.

• Setting modeling lamp

1. Swipe down to access settings UI. Tap <☀> to enable or disable modeling lamp.

2. On multi-group UI, tap <⚡> at the bottom of the display to switch to modeling lamp, then drag the slider to adjust the modeling lamp's brightness. Tap <+> and <-> to simultaneously set multiple modeling lamps.

3. On single-group UI, drag the modeling lamp's slider to adjust its brightness. Tap it to enable or disable modeling lamp.

• TCM

Use **TTL** mode to quickly measure the light and save light metering, then switch to **M** mode to fine-tune the metering.

1. Swipe down to access settings UI, tap <**TCM**> to enable or disable the **TCM** function.

2. Or go to menu to enable or disable the **TCM** function.

• Display lock

1. Swipe down to access settings UI, tap <🔒> to lock the display.

2. Tap and hold the display or long press <⚡> button for 2s to unlock.

• Setting single-contact function

Go to menu and tap <⊙> to enable or disable the single-contact function.

※ Once enabled, **TTL** and stroboscopic modes are not available.

※ Not all cameras support this function.

※ Flashes may be out of sync when using high shutter speed in this mode.

• Customization

On main UI, swipe down to access menu UI, then tap <**MENU**> for customization.
Or, long press <**M**> button until menu UI appears on the display, then tap <**MENU**>.

Refer to the chart below and customize the menu.

Icon	Function	Explanation
	Scan idle channels	Tap to scan
	CH	Channels (1-32)
	ID	Wireless ID numbers (OFF, 1-99)
	Wireless sync	Tap to enable
DIST	0-10m	Transmission range: 0-10m
	1-100m	Transmission range: 1-100m
SYNC		Front-curtain sync
		High-speed sync
		Buzz on
		Buzz off

Icon	Function	Explanation
ZOOM	AUTO	Autofocus
	20mm-200mm	Change focal length for all groups
TCM		TCM on
		TCM off
		Single-contact function on
		Single-contact function off
		Display brightness
	Standby	Standby timer (15sec, 30sec, 1min, 2min, 3min)
	Power on	Power on (OFF, 30min, 60min, 90min)
		Bluetooth on
		Bluetooth off
	Min. Power	Minimum output power (1/128, 1/256, 1/512, 3.0, 2.0, 1.0)
	Step	Output power increments (0.1, 0.3)
	Language	UI language (CH, EN, DE, ES, IT, FR, RU, KO, JP)

Directions for Use

Icon	Function	Explanation
		Reset to factory settings
	Model	Product model
	Version	Current firmware version

Causes & Solutions of Wireless Misfires

1. External 2.4G signal interference (such as wireless base stations, 2.4G Wi-Fi routers, Bluetooth devices, etc.). Adjust the trigger's channel by +10 to find an interference-free channel or turn off other 2.4G devices during use.

2. Ensure the flash has fully recharged and can keep up with burst shooting (the flash ready indicator should be lit). Also check that the flash is not in overheat protection or another abnormal state. Lower the flash output power. If using **TTL** mode, consider switching to manual (**M**) mode as **TTL** requires a pre-flash.

3. If the trigger is too close to the flash (<0.5m), enable "Short Distance Wireless Mode" by setting DIST to 0–10m on the trigger.

4. Check whether the trigger or receiver device is low on battery and recharge if needed.

Compatibility

1: Compatible flash models

Compatible with NEEWER flashes with the built-in wireless Q 2.4G system, including NW420-N, Z1-N, Z2-N, Z760-N, Z880-N, NW760-N, Z2PRO-N, S101-300W Pro, S101-400W Pro, S102-400W Pro, Q4, Q6, Q3, Q200, NW655-N, Q-N (receiver), with models being added.

※ Supported functions are limited to those shared by both the QZ trigger and the flash unit.

2: Compatible camera models

The tested compatibility list is as follows:
D4 、D5、D60、D70S、D90、D100、D200、D300S、D300、D500、D610、D700、D750、D780、D800、D810、D850、D3100、D3200、D3300、D3400、D3500、D5000、D5100、D5200、D5300、D5600、D7000、D7100、D7200、D7500、Z5、Z6、Z6ii

※ The camera models listed above only includes the ones that we have lab tested on the trigger and doesn't include all compatible Nikon cameras. The trigger may be compatible with other models not specified here and will be updated further based on user feedback received.

Firmware upgrade

Upgraded firmware on this product via the USB-C port:

1. While the device is powered off, long press the <**M**> button, then connect it to a computer via USB-C cable to enter firmware upgrade mode.

2. Once the upgrade is complete, unplug the USB-C cable to exit upgrade mode.

3. After the upgrade, manually power off the device.

※ If upgrading fails, keep the USB cable connected. Press and hold the power, flash, and M buttons together, then release the power and flash buttons to re-enter upgrade mode.

Safety Precautions

1. Do not subject the trigger to strong impacts or vibrations.

2. The trigger is not waterproof. Immersion in water or exposure to moisture may cause malfunctions. Internal rust damage is irreparable.

3. Significant temperature changes, such as moving from cold outdoor to warm indoor environments, can cause internal condensation. To prevent this, cover the trigger with plastic wrap to minimize temperature fluctuations.

4. Strong static electricity or magnetic fields from wireless radio transmitters may interfere with the trigger's operation.

5. If flashes fail to fire or the camera doesn't shoot, please check the following: low battery; power is on; trigger and flash are on the same channel; sync cable or hot shoe is securely connected; flash mode is correctly set.

6. If the camera fails to autofocus, verify that manual focus is not engaged on the camera body or lens. If it is, switch to autofocus.

7. If the trigger's operation is disrupted, try changing its channel.

Specifications

Model	QZ-N
Compatibility	Nikon i-TTL speedlites
Input	DC 5V/2A
Battery capacity	3.7V 1000mAh 3.7Wh
Charge time	2.5h
Battery life	Around 7 days
TTL flash	Yes
Manual flash	
Stroboscopic flash	
Front-curtain sync	
Rear-curtain sync	
High-speed sync	
Exposure compensation	±3EV (exposure values) in 1/3 EV increments
Buzz	Controlled by the trigger
ZOOM settings	AUTO, focal length: 20-200mm
TCM conversion	Convert TTL mode into manual mode
Firmware upgrade	Via the USB-C port
Memory function	Yes
Display	Dimmable touchscreen
Transmission range	0-100m
Number of channels	32
Wireless IDs	OFF, 01-99
Groups	A, B, C, D, E
Dimensions	64×41×38mm
Weight	60g