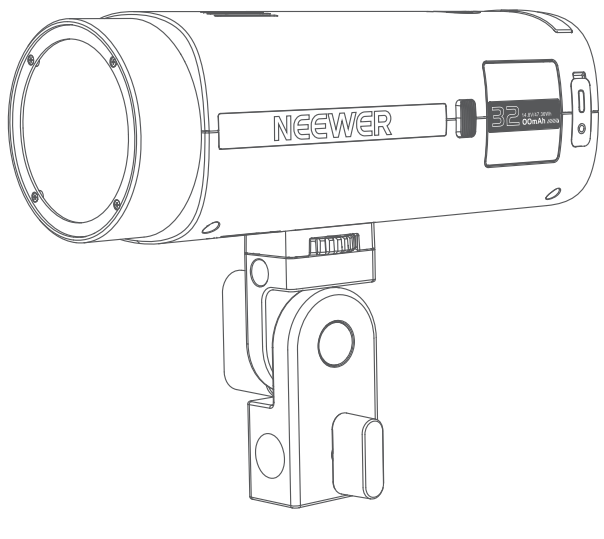


NEEWER®



Q200 2.4G Outdoor Studio Flash Instruction Manual

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Version Control

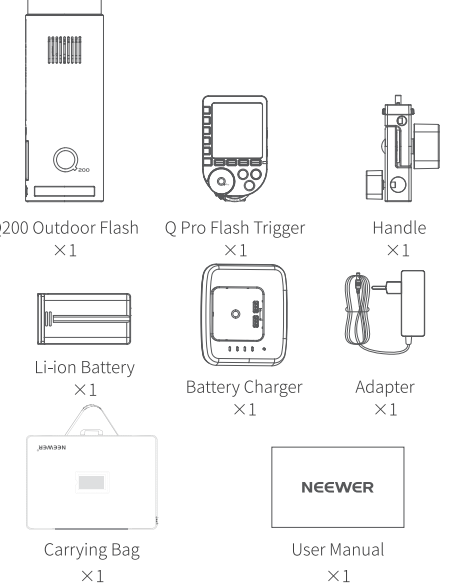
Date	Version number	Description	Issued by
2/2/2024	1.0	Q200 2.4G Outdoor Studio Flash	NEEWER

English	1
Deutsch	16
日本語	31
Español	46
Français	61
Italiano	76
Nederlands	91
Polski	106
Svenska	121
中文	136

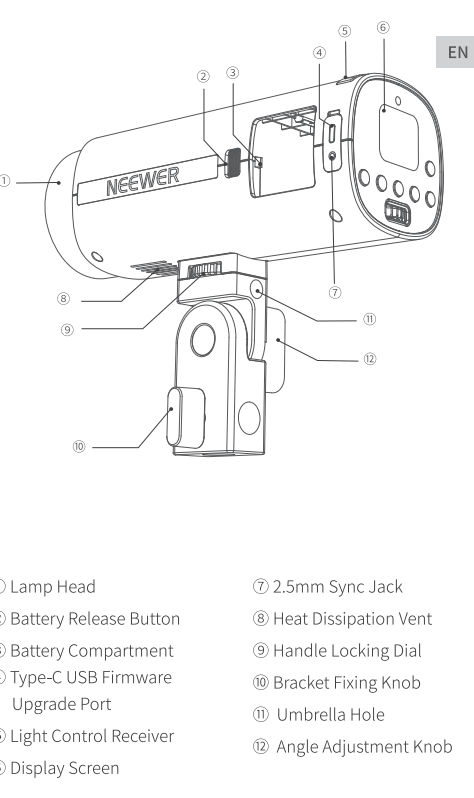
Product Overview

The Q200 Outdoor Studio Flash can be connected to the NEEWER APP (Integrated Version) via Bluetooth for intelligent remote light control. It supports TTL, MULTI flash modes, and other shooting modes such as masking & clipping photography, constant color temperature, continuous shooting, delay shooting, etc. also a brand-new and simplified UI design, making the operation interface more intuitive and user-friendly. The APP remote control further enhances your interactive experience.

Package Contents



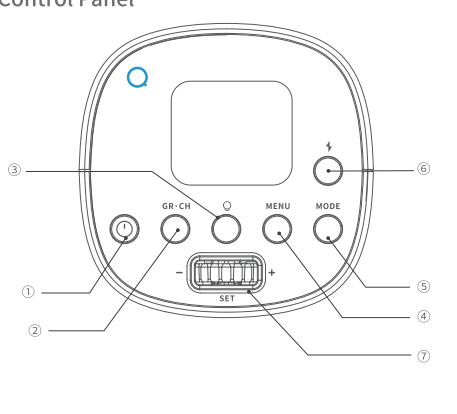
Product Illustration



- ① Lamp Head
- ② Battery Release Button
- ③ Type-C USB Firmware Upgrade Port
- ④ Light Control Receiver
- ⑤ Display Screen
- ⑥ 2.5mm Sync Jack
- ⑦ Heat Dissipation Vent
- ⑧ Handle Locking Dial
- ⑨ Bracket Fixing Knob
- ⑩ Umbrella Hole
- ⑪ Angle Adjustment Knob

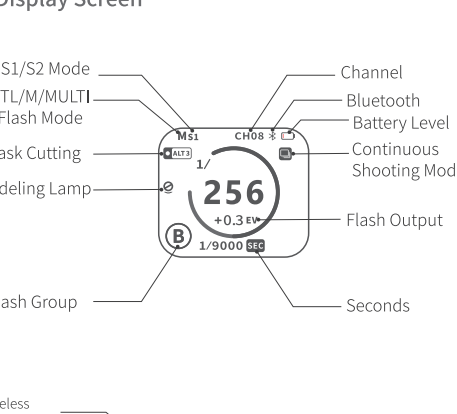
Introduction to functions

Control Panel



- ① Power Button
- ② GR-CH Group Channel Switch Button
- ③ Modeling Lamp ON/OFF Button
- ④ MENU Custom Button/Wireless Transmission ON/OFF Button
- ⑤ Mode Button/High-Speed Sync Button
- ⑥ Test Flash Button
- ⑦ SET Button & Dial

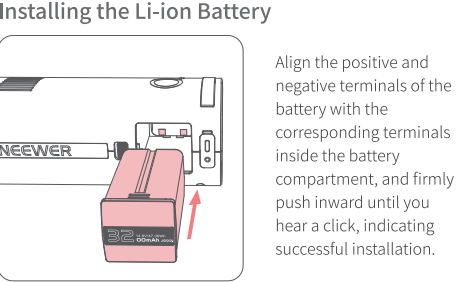
Display Screen



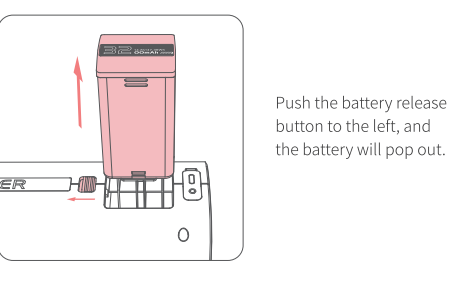
- ① S1/S2 Mode
- ② TTL/MULTI Flash Mode
- ③ Battery Level
- ④ Continuous Shooting Mode
- ⑤ Flash Output
- ⑥ Seconds
- ⑦ Wireless Transmission
- ⑧ Modeling Lamp Brightness
- ⑨ Modeling Lamp Color Temperature
- ⑩ Flash Count

Battery Use

Installing the Li-Ion Battery

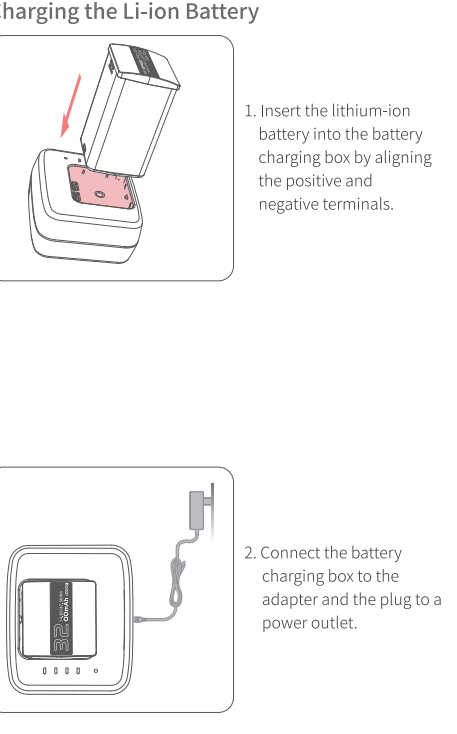


Removing the Li-Ion Battery



Battery Use

Charging the Li-Ion Battery

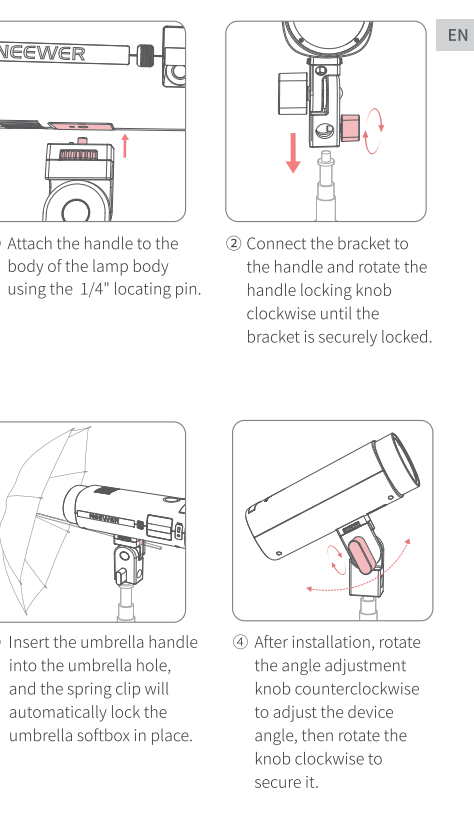


C.Fn: Custom Function Settings

Please refer to the chart below and use the custom function settings to configure the device.

Custom Function Symbol	Function	Setting Symbol	Setting and Description	Flash Mode
STANDBY	Auto Sleep	OFF	OFF	N/A
COLOR	Constant Color Temperature	ON	Automatically enters sleep mode when there is no operation	High-Speed Sync
	Modeling Lamp Mode	CONT	Constant On	N/A
SURREY MODE	Continuous Shooting Mode	ON	On	M
	Wireless Control by Infrared	OFF	Off	M / MULTI
UNITS	Number of Units	2 MASK	2 devices	M
	Flash Frequency	2.5Hz	2.5Hz	M
ALT	Mask Cutting Photography	ALT1	Responds on the first flash	M
	Flash Frequency	ALT2	Responds on the second flash	M
DELAY	Delay Shooting	OFF	Off	N/A
	Flash Frequency	ALT3	Responds on the third flash	M
ID	ID Number	01-99	01-99 (any number)	Wireless Mode
	Flash Frequency	ALT4	Responds on the fourth flash	M
2.4G	Wireless Transmission	ON	On	N/A
	Flash Frequency	ALT5	Responds on the fifth flash	M
S1/S2	Light Control Mode	OFF	Off	M
	Flash Frequency	ALT6	Responds on the sixth flash	M
BEEP	Bleep Sound	ON	On	N/A
	Flash Frequency	ALT7	Responds on the seventh flash	M
STEP	Increment	+0.1	+0.1	M
	Flash Frequency	ALT8	Responds on the eighth flash	M
BLUETOOTH	Bluetooth	ON	On	N/A
	Flash Frequency	ALT9	Responds on the ninth flash	M
RESET	Reset	ON	On	N/A

Installation Instructions



Battery Usage Instructions

Battery Power Indicator

When the lithium-ion battery is fully installed on the flash, it will power the flash. Please refer to the battery symbols below to monitor the battery status during use.

LCD Screen Battery Indicator Display	Indicates/Battery Percentage
Full battery icon	76% ~ 100%
Partial battery icon	51% ~ 75%
Low battery icon	26% ~ 50%
Empty battery icon	2% ~ 25%
Low Battery Warning	The battery symbol will remain visible to prompt the user to charge or replace the battery.

Precautions

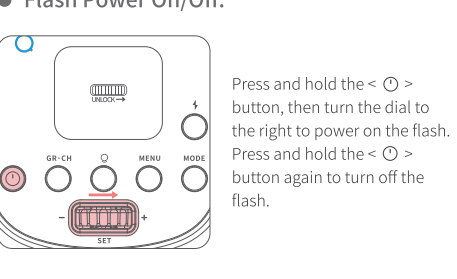
- 1. Do not dismantle, modify, or attempt to repair the battery without authorization. Unauthorized actions may cause battery leakage, overheating, fire, or explosion, leading to serious safety incidents.
- 2. Avoid using non-original or overcharged chargers to prevent risks such as overheating or short circuits.
- 3. If you observe unusually fast or slow charging or abnormal blinking of the indicator light, immediately stop charging and contact customer support.
- 4. Keep the product away from flammable or explosive materials.

Precautions

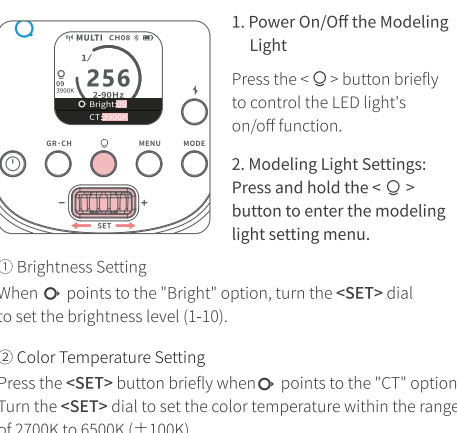
- 1. Avoid short-circuiting the positive and negative terminals.
- 2. The battery is not waterproof; do not immerse in water, or expose to environment with high humidity.
- 3. Keep the battery out of the reach of children.
- 4. Do not charge the battery for more than 24 hours; please use the provided charger for charging.
- 5. The battery should be recharged at least every 3 months if left unused to maintain battery cell life.
- 6. Keep the battery away from fire and heat sources.
- 7. Follow local regulations for correct disposal of disused batteries.
- 8. If not in use for a long time, charge the battery to around 60% before storage.
- 9. During storage, the battery should be wrapped inside a non-conductive material to prevent direct contact with metal, which can damage the battery. Store the battery in a cool and dry place.
- 10. The battery should not be used while charging.
- 11. The battery has over-temperature protection. If the internal temperature reaches 55°C, the protection activates, requiring the battery to cool down before continued use.

Using the Product

Flash Power On/Off:

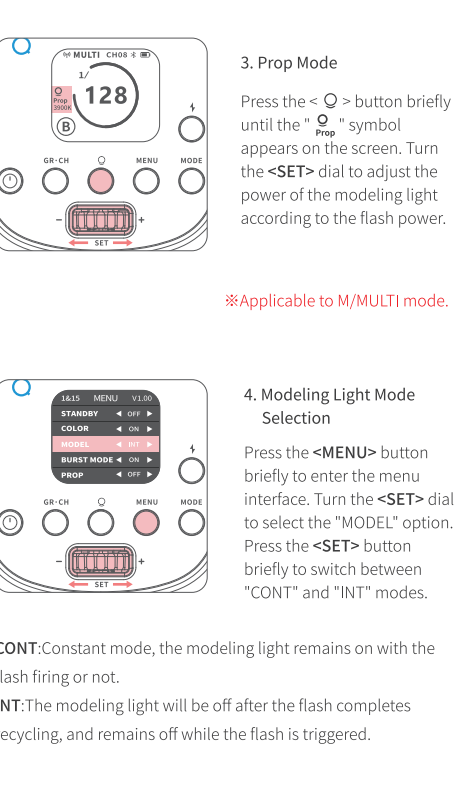


Modeling Light Adjustment



Using the Product

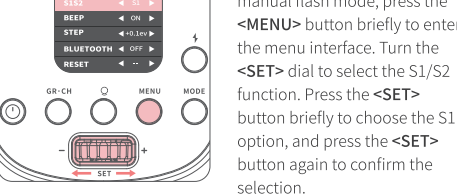
Constant Color Temperature



Using the Product

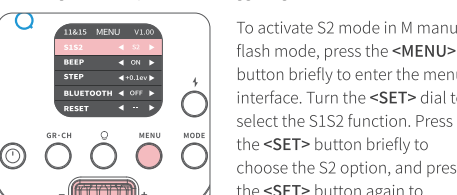
S1 Optical Slave Mode

In S1 optical slave mode, the flash unit can be used as a secondary light source to create various lighting effects. It is suitable for manual flash environments. The flash unit will synchronize with the first flash from the main flash unit, producing the same effect as using a wireless trigger.



S2 Optical Slave Mode

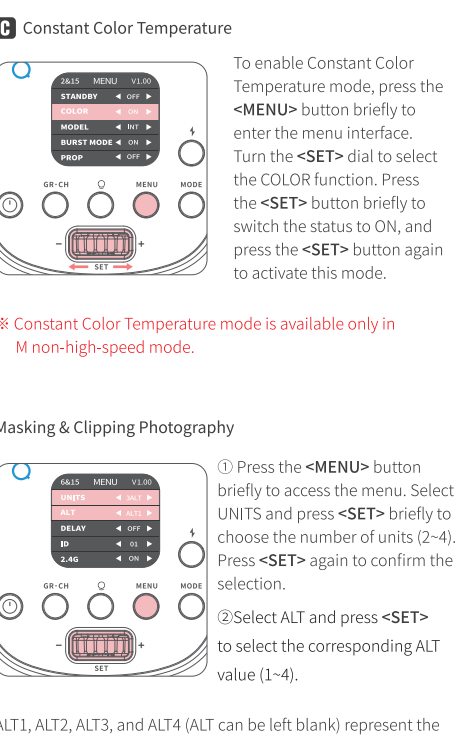
In S2 optical slave mode, the flash unit can be used as a secondary light source in TTL flash environments. It features pre-flash suppression, allowing synchronized shooting when using a camera with a one-time pre-flash function. It also synchronizes with the second flash from the main flash unit, achieving the 2nd optical slave flash triggering.



* S1/S2 optical slave triggering is only possible in M manual flash mode.

Using the Product

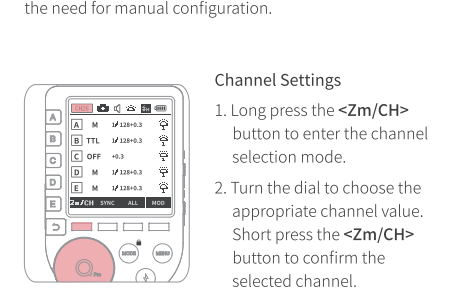
Masking & Clipping Photography



Using the Product

Using the NEEWER Q PRO Flash Trigger

The Q200 flash trigger utilizes the 2.4G wireless Q system and seamlessly integrates with other models from our brand. As a slave unit, it is compatible with Canon E-TTL II, Nikon i-TTL, and Sony cameras. The Q200 will automatically adapt to the settings of the master flash unit, eliminating the need for manual configuration.

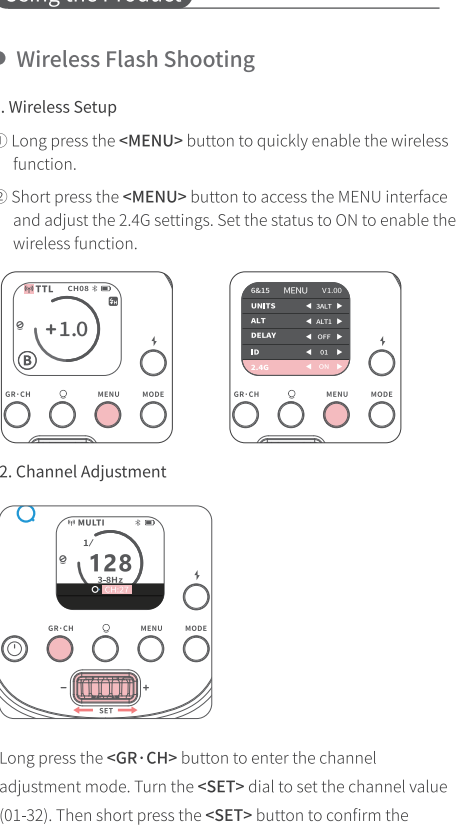


* The flash trigger provides 32 interchangeable channels (1-32). Make sure to set the flash trigger and receiver to the same channel before use.

* As a slave unit, the Q200 can also be controlled wirelessly by the QPRO series flash triggers. To do this, ensure that the QPRO ID setting is turned off and adjust the QPRO flash trigger to the same channel as the flash unit (The QPRO flash trigger is not included).

Using the Product

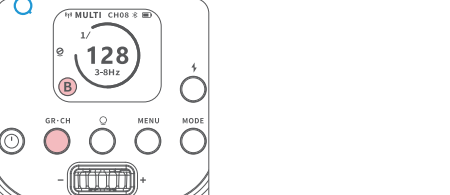
Wireless Flash Shooting



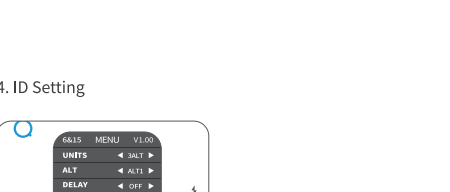
Using the Product

Flash Mode - Multi: Stroboscopic Flash Mode

Using the strobe flash will trigger a series of rapid flashes, allowing you to capture multiple images of moving objects in a single photograph. You can adjust the flash frequency (flashes per second, indicated in Hz), the number of flashes, and the flash output.



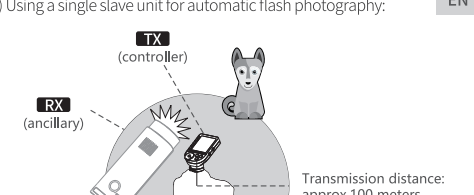
Set the flash frequency and number of flashes



Using the Product

High-Speed Sync

With High-Speed Sync (FP flash), you can synchronize the flash with your camera at all shutter speeds. High-Speed Sync is particularly useful when using fill flash for portrait photography in aperture priority mode.



* When using High-Speed Sync, the higher the shutter speed, the smaller the effective flash range.

* In High-Speed Sync mode, MULTI strobe flash cannot be set.

Max Strobe Flash Count

Shutter Speed	1/2	1/4	1/8	1/16	1/32	1/64	1/128	1/256	1/512	1/1024	1/2048	1/4096
1/2	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1	1	1	1	1	1	1	1	1	1	1	1
1/8	1	1	1	1	1	1	1	1	1	1	1	1
1/16	1	1	1	1	1	1	1	1	1	1	1	1
1/32	1	1	1	1	1	1	1	1	1	1	1	1
1/64	1	1	1	1	1	1	1	1	1	1	1	1
1/128	1	1	1	1	1	1	1	1	1	1	1	1
1/256	1	1	1	1	1	1	1	1	1	1	1	1
1/512	1	1	1	1	1	1	1	1	1	1	1	1
1/1024	1	1	1	1	1	1	1	1	1	1	1	1
1/2048	1	1	1	1	1	1	1	1	1	1	1	1
1/4096	1	1	1	1	1	1	1	1	1	1	1	1

Using the Product

Causes and Solutions of 2.4G Wireless Misfire

- 1. External interference from the 2.4G signal in the surrounding environment (such as wireless base stations, 2.4G Wi-Fi routers, Bluetooth devices, etc.).
→ Adjust the channel setting (CH) of the flash trigger (recommended to switch to the channel above 10) to find a channel with no interference, or turn off other 2.4G devices while working.
- 2. Check if the flash unit is recycled and if the recycling speed can keep up with the continuous shooting speed (indicated by the lit light), and ensure it is not in overheating protection or any other abnormal state.
→ Lower the power level of the flash unit or switch from TTL mode to M mode.

Using the Product

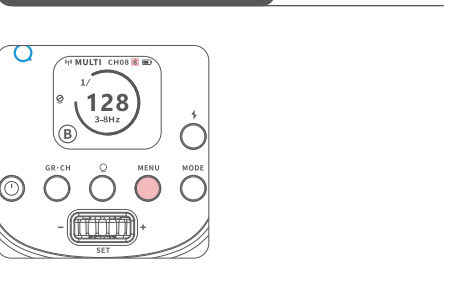
Overheating Protection

- 1. To prevent overheating and damage to the flash head, do not perform more than 60 rapid consecutive flashes at 1/1 power. After 60 consecutive flashes, allow the flash unit to cool down for at least 5 minutes.
- 2. When the overheating protection is activated, the symbol "H" will appear on the display screen.

Consecutive Flash Count before Overheating Protection is activated

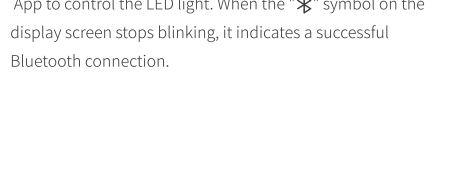
Power Level	Flash Count
1/1	60
1/2	100
1/4	200
1/8	300
1/16	400
1/32	500
1/64	1000

Mobile Phone APP Control



Short press the "GR-CH" button to cycle through groups A to E.

4.ID Setting



Short press the "MENU" button to enter the menu interface. Turn the "SET" dial to select the ID option. Short press the "SET" button to adjust the ID number (01-99). Then press the "SET" button again to confirm the ID number.

* For detailed instructions, please scan the QR code on the APP Guide card to access the APP Guide Page.

Maintenance & Care

- If any abnormalities are observed during operation, immediately turn off the power and try to determine the cause.
- Avoid subjecting the flash unit to excessive vibration and keep the surface clean from dust.
- A slight amount of heat generation during operation is normal. However, avoid continuous triggering unless necessary.
- All repairs for the flash unit should be carried out by the designated repair department using genuine factory parts.
- In case of malfunctions or exposure to water, the unit should be repaired by a professional before further use.
- Please note that technical changes may be made without prior notice.

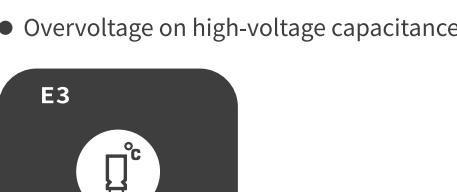
Sync Socket Triggering

The sync socket is designed with a 2.5mm specification. You can connect a sync cord or a trigger with a sync plug to trigger the flash unit for synchronization.

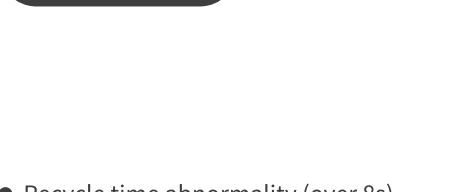
* When using the sync socket for triggering, the sync speed should be set to 1/1200.

Troubleshooting

Overvoltage on high-voltage capacitance

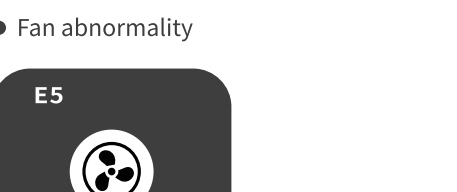


Recycle time abnormality (over 8s)

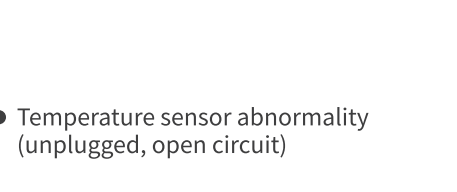


Troubleshooting

Fan abnormality



Temperature sensor abnormality (unplugged, open circuit)



Notes

- 1. Avoid placing the product in environments with temperatures exceeding 50°C.
- 2. The recommended operating temperature for this product is below 40°C.
- 3. Do not directly flash in the eyes of others, especially those of infants, as it may cause temporary vision impairment.
- 4. This product is not waterproof. Take precautions to protect it from rain and humidity.
- 5. Do not attempt to disassemble the product. In case of malfunctions, only have it inspected and repaired by our company or authorized service personnel.
- 6. Avoid disassembly, impact, compression, or exposure to fire. Severe swelling occurs, discontinue use.
- 7. In the event of the product malfunctioning, promptly turn off the power of the flash unit.
- 8. Do not use the flash unit near chemicals, flammable gases, or other special substances. These substances may be sensitive to the intense light emitted by the flash unit, potentially causing fire or electromagnetic interference. Pay attention to relevant warning signs in such situations.

Specifications

Model	Q200
Flash Mode	Wireless Off / M/MULTI
Compatibility in 2.4G Wireless Mode	Nikon Cameras Canon Cameras Sony Cameras
Flash Output Power	200Ws
Flash Duration (at 1/200s)	1/200s - 1/1020s
Flash Power Range	1/200s - 1/1020s
Optical Triggering	S1/S2
GR (Group)	A, B, C, D, E
Transmission Distance	100m
Modeling Lamp Brightness Adjustment	10%-100%
Modeling Lamp Color Temperature Adjustment	2700K-6500K (±100K)
Triggering Mode	2.4G Channel / S1 Optical Triggering / S2 Optical Triggering
ID	01-99
CH	01-32
Power Supply	Li-Ion Battery
Battery Capacity	14.8Wh/3200mAh
Maximum Power Flash Count	<1000/2
Charging Method	Plug-in Charging
Charger Voltage	DC 19V
Charging Time	Approximately 3 hours
Flash Size	81 x 91 x 220mm
Flash Weight (including battery)	988g