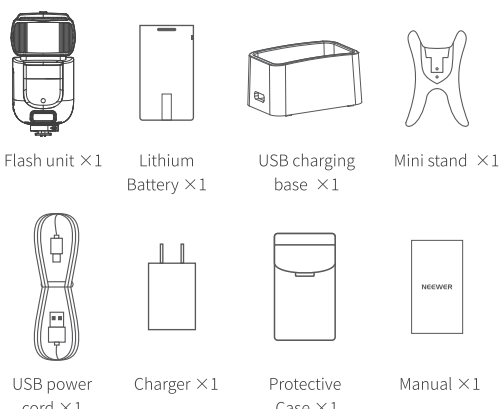01

Thank you for your purchase of a **NEEWER** product.

This Z760-C camera flash has been designed with the Canon EOS series cameras in mind and is compatible with E-TTL II autoflash feature. Simplify your shoots with this E-TTL compatible flash which allows the user to obtain the correct flash exposure even in more complex environments with variable lighting levels. This camera flash features:

• Maximum flash power of 76Ws, 81 levels of dimming (1/1~1/256)

• 2600mAh Li-polymer battery with an autonomy of 480 flashes at full power, 1.5 seconds fast recharge.

• Supports E-TTL auto flash, which can be used as the master or slave unit of a wireless multi-lamp flash system - making shooting easier and faster.

• Dot-matrix LCD panel, Clear display, easy to operate.

• Built-in 2.4GHz wireless transmission, Integrated transmitter and receiver with a large radius.

• Supports manual frequency flash mode, HSS/second curtain sync /FEC and other E-TTL II functions.

• Stable output, High speed continuous flash and color temperature with good even lighting.

• Firmware will be upgraded as the camera is updated.

Precautions

1. Always keep this product dry.

2. Keep this product out of reach of children.

3. Do not disassemble or modify the product.

4. Do not subject to any form of physical shock. The product shouldn't be exposed to fire or an environment where the temperature exceeds 50 degrees.

5. Do not fire the flash directly into the eyes which could result in visual impairment.

6. Do not use the product near chemicals, flammable gases or other volatile substances which may cause fire or electromagnetic interference.

7. Do not use in the rain or in damp conditions.

8. Turn off the product immediately, if it appears to be operating abnormally, and try to troubleshoot the likely cause.

9. Failure to comply with the recommendations and warnings listed in the manual will invalidate the warranty.
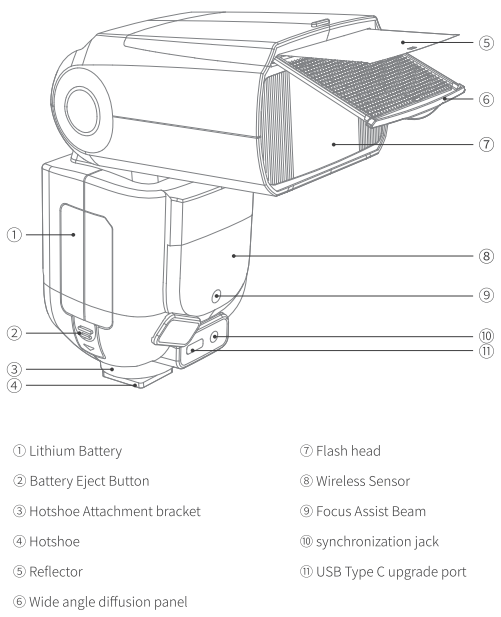
02

Flash unit ×1   Lithium Battery ×1   USB charging base ×1   Mini stand ×1

USB power cord ×1   Charger ×1   Protective Case ×1   Manual ×1

※ Note: The batteries should only be charged using the original 5V 2A charger to prevent damage to the product.
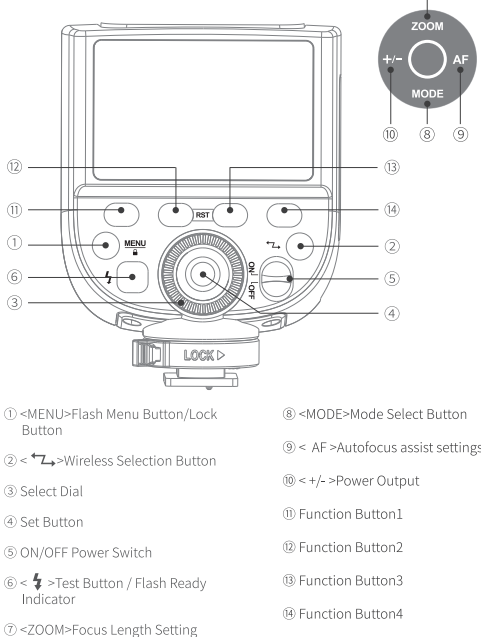
Name of components

1. Flash Body

① Lithium Battery
② Battery Eject Button
③ Hotshoe Attachment bracket
④ Hotshoe
⑤ Reflector
⑥ Wide angle diffusion panel
⑦ Flash head
⑧ Wireless Sensor
⑨ Focus Assist Beam
⑩ synchronization jack
⑪ USB Type-C upgrade port

※ The USB Type-C port is exclusively intended for flash firmware upgrades and is not designed for charging purposes.

03

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2. Control Panel
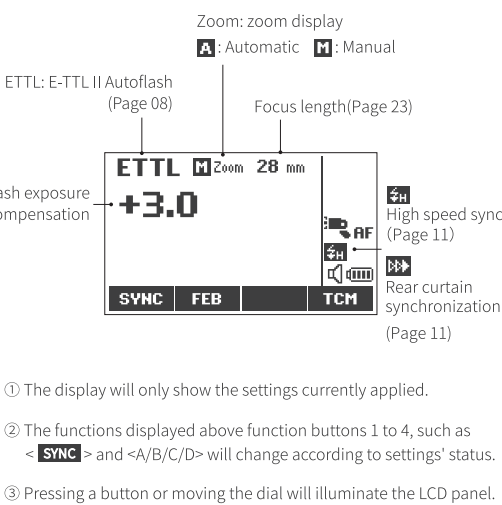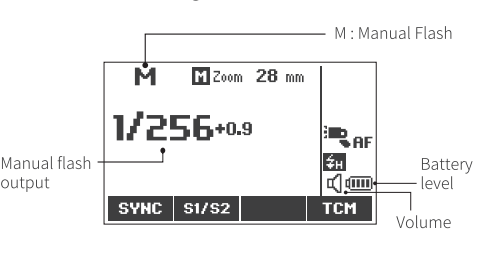
① <MENU>Flash Menu Button/Lock Button
② <🔆>Wireless Selection Button
③ Select Dial
④ Set Button
⑤ ON/OFF Power Switch
⑥ <🔆>Test Button / Flash Ready Indicator
⑦ <ZOOM>Focus Length Setting
⑧ <MODE>Mode Select Button
⑨ < AF >Autofocus assist settings
⑩ < >Power Output
⑪ Function Button1
⑫ Function Button2
⑬ Function Button3
⑭ Function Button4

3. LCD Panel

(1) E-TTL Autoflash

Zoom: zoom display
Ⓐ Automatic Ⓜ Manual

ETTL: E-TTL II Autoflash (Page 08)
Focus length(Page 23)

Flash exposure compensation
+3.0

High speed sync (Page 11)
Rear curtain synchronization (Page 11)

SYNC   FEB   TCM

① The display will only show the settings currently applied.

② The functions displayed above buttons 1 to 4, such as < SYNC > and <A/B/C/D> will change according to settings' status.

③ Pressing a button or moving the dial will illuminate the LCD panel.

04

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(2) M Manual Flash(Page 12)

M : Manual Flash

Manual flash output
1/256 +0.9

Battery level
Volume

SYNC   S1/S2   TCM

(3) Multi(Page 13)

Multi : Multi(Stroboscopic) flash

Number of flashes
1/256 · 199 Hz

Flash frequency

Times   Hz

(4) Wireless Transmission Shooting(Page 14)

① Transmitter Unit

Wireless Transmission Shooting   Channel

Flash group
CH26 MASTER
1/256
TTL +2/7
Master icon
Master Flash
Flash ON:
Flash OFF:

A   B   C

② Flash

ON
OFF:
ETTL Zoom 28 mm   CH26 SLAVE
Receiver icon

GR   CH

05

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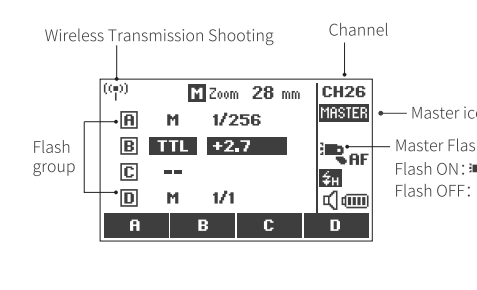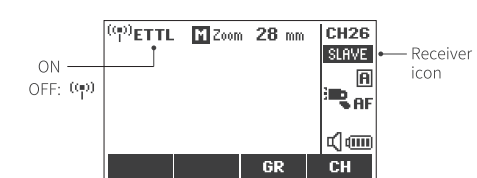
4. Different LCD screen displays in three modes

(1) Attached to the Camera

ETTL Zoom 28 mm
SYNC   FEB   TCM
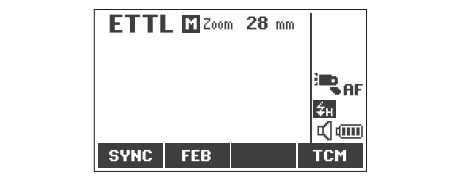
(2) 2.4G Wireless Transmission: As a Transmitter Unit

(3) 2.4G Wireless Transmission: As a Receiver Unit

A   B   C   D   GR   CH

(4) S1/S2 mode

1/256 +0.9
S1/S2

1/256 +0.9
S1/S2
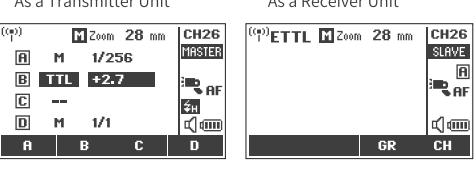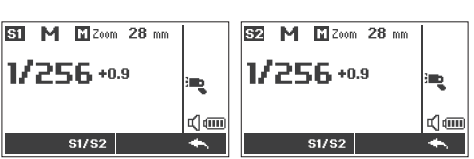
Battery

1. Features

① This flash unit uses Li-ion polymer battery which boasts a long service life and can be charged / discharged up to 500 times.

② Safe and reliable, the built-in circuit protects against overcharge, overdischarge, overcurrent, and short circuit.

③ The standard charge time to fully charge the battery is 3.5 hours using the charger.

2. Caution

① Do not short circuit.
② Do not immerse the battery in water.
③ Keep the battery out of reach of children.
④ Do not exceed 24 hours of continuous charging.
⑤ Store the battery in a dry, cool and ventilated environment.
⑥ Do not place the battery near or in a fire.
⑦ Dead batteries should be disposed according to local regulations.
⑧ If the battery isn't to be used for some time, please ensure it is charged at least every 3 months.

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3. Inserting and Removing the Battery

① Removing the battery
Slide the button in the direction shown to remove the battery.

② Inserting the battery
Insert the lithium battery into the battery compartment in the direction indicated by the battery until the fastener snaps into place.

4. Battery Level Indicator

Make sure the battery is securely inserted in the flash. Check the battery level indication on the LCD panel to see the remaining battery level.

1/256 +0.9
SYNC   S1/S2   TCM

Battery Level Indicator	Indicates
4 bars	Full
3 bars	Medium
2 bars	Low
1 bars	Very low
Empty bar	Low battery. Please charge as soon as possible
Flashing	Battery is about to run out. The flash will no longer work. Please recharge the battery as soon as possible (within 10 days), the battery can then be used or stored for a long period.

Power Management

Use ON/OFF Power Switch to power the flash unit on or off. Please turn off the power if the flash won't be used for a long period. When setting as a transmitter (master) flash, the flash will turn the power off automatically after a certain period (approx. 90 seconds) of inactivity. Pressing the camera shutter halfway or pressing any flash button will wake up the flash unit. When setting as a receiver (slave) flash, it will enter sleep mode after a certain period (adjustable, 60 minutes by default) of idle use. Pressing any flash button will reactivate device.

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Note: ① When used off the camera, it is recommended that you customize the function to disable "automatic power off ".
② Receiver Auto Power Off Timer is set to 60 minutes by default. A 30 minute timer can also be applied.

Mount / Unmount flash

1. Mount the Camera Flash
Turn the locking ring to the left to fully insert the camera's hot shoe.

2. Secure the Camera Flash
Rotate the locking ring to the right until secure.

3. Unmount the Camera Flash.
Press the button and rotate the hotshoe locking ring to the left to loosen.

Flash Mode: E-TTL Autoflash

This flash has three flash modes: E-TTL, Manual (M), and Multi (Stroboscopic). In E-TTL mode, the camera's metering system detects flash illumination reflected from the subject and automatically adjusts the flash output to balance the exposure of the subject and background. Flash Exposure compensation (FEC), flash exposure bracketing (FEB), high-speed sync (HSS), second-curtain shutter sync, flash exposure lock (FEL), aperture preview shadow flash, and Canon camera menu access are supported.

※ Press < MODE > Mode Selection Button. The three flash modes will display on the LCD panel in a cycle.

08

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1. E-TTL Mode

Press < MODE > Mode Selection Button to enter E-TTL mode.

① Press the camera release button halfway to focus. The aperture will be displayed in the viewfinder.

② A pre-flash is fired moments before the shutter is released, and the flash receives camera information for the main flash.

2. FEC(Flash Exposure Compensation)

In FEC mode, the flash can adjust flash exposure compensation in 1/3-stop increments between ±3 stops. This feature is useful when the TTL system needs to be fine-tuned to accommodate the shooting environment.

Setting flash exposure compensation:
① Press <+/−> button.
② Set the flash exposure compensation amount.
① Turn the Select Dial to set the amount.
② "0.3" indicates 1/3 step, "0.7" indicates 2/3 step.
③ To cancel the flash exposure compensation, set the amount to "0".

+2.7
SYNC   FEB   TMC

③ Press the set button to confirm the new settings
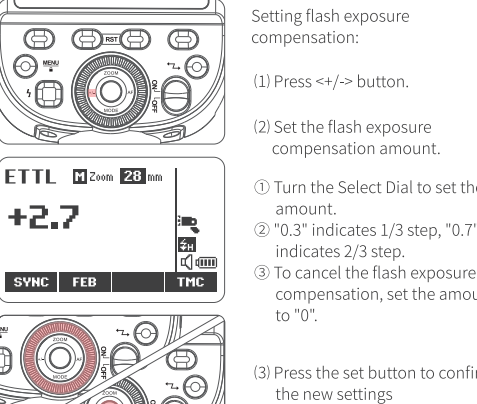
3. FEB(Flash Exposure Bracketing)

FEB(Flash surround Exposure) automatically changes the flash output in 1/3rd stops from -3 to +3. When using this function, the camera will record three photos with different flash outputs (correct exposure, underexposure, and overexposure). This function helps obtain correct exposure which is key when shooting moving objects or when environmental lighting is more complex.

① Press function button 2 <FEB> so that the screen displays the < > icon and the FEB amount will be highlighted on the LCD panel.

+2.7
SYNC   FEB   TMC

② Set the flash exposure compensation amount.
① Turn the Select Dial to set the FEB amount.
② "0.3" equates to 1/3 step, "0.7" equates to 2/3 step.

09

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③ Press Set Button again to confirm the setting. The FEC and FEB settings are displayed on the LCD panel.
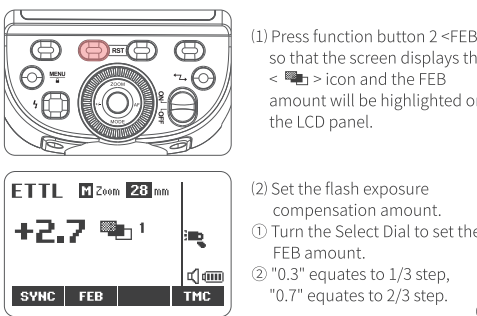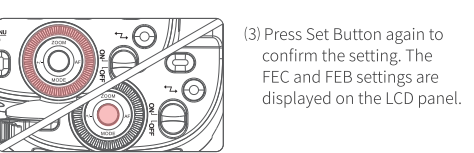
* FEB will be cancelled after three photos are taken.

* For FEB, set the camera drive mode to "single" and ensure the flash is ready before shooting.

* FEB can be used with FEC and FEL

Note: You can prevent the flash bracketing exposure from being automatically canceled after three shots.

4. FEL: Flash Exposure Lock

FEL can lock the correct flash exposure setting for any part of the scene.

With <ETTL> displayed on the LCD panel, press the camera's <FEL> button. If the camera does not have the <FEL> button, press the < * > button.

① Bring the subject into focus

② Press the <FEL> button

③ Aim the center of the viewfinder at the subject, and then press the<FEL> button.

③ The camera flash will fire a preflash and the required flash output for the subject is memorized.

③ "FEL" will show in the viewfinder for 0.5 seconds.

④ Each time the <FEL> button is pressed, a preflash will be fired and a new flash exposure setting will be locked.

* If the subject is too far away and underexposured, the < > icon will flash in the viewfinder. Please approach the subject and try Flash Exposure Lock (FEL) function again.

* Flash exposure lock cannot be set if <ETTL> is not displayed on the LCD.

* Flash exposure lock may not work effectively if the subject is too small.

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5. HSS: High Speed Sync

High Speed Sync (FP flash) enables the flash to synchronize with all camera shutter speeds. This is convenient when you want to use aperture priority for fill-flash portraits.

① Press Function Button 1 < SYNC > so that < > displays.

② Check that < > is displayed in the viewfinder.

SYNC   FEB   TCM
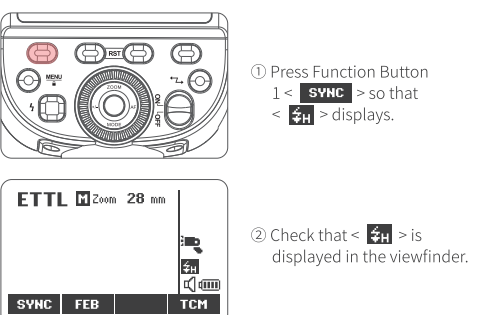
* If the shutter speed is set to equal or slower than the camera's maximum flash sync speed, < > will not appear in the viewfinder.

* With high-speed sync, the faster the shutter speed, the shorter the effective flash range.

* To return to normal flash, press < SYNC > button again. Then < > will disappear.

* Multi flash mode cannot be set in high-speed sync mode.

* Over-temperature protection may be activated after 15 consecutive high-speed sync flashes.

6. Second-Curtain Sync

With a slow shutter speed, you can create a trail of light following the subject. The flash fires right before the shutter closes.

Press Function Button 1 < SYNC > so that < > displays.

SYNC   FEB   TCM

11
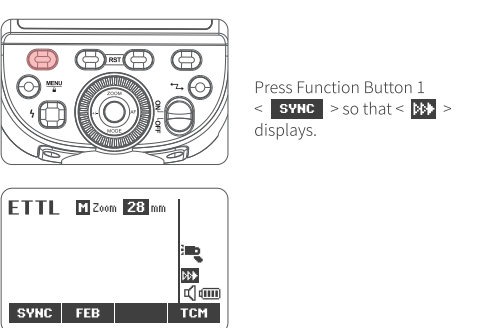
The flash output is adjustable from 1/1 full power to 1/256th power in 1/10th stop increments.

To obtain a correct flash exposure, use a hand-held flash meter to determine the required flash output.

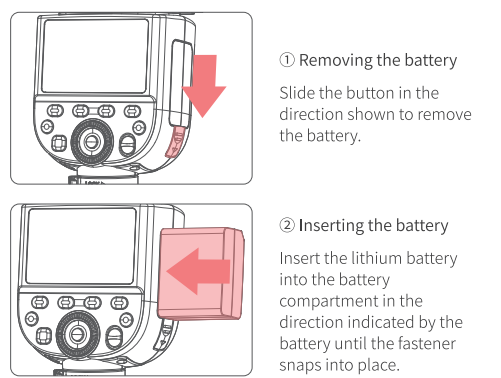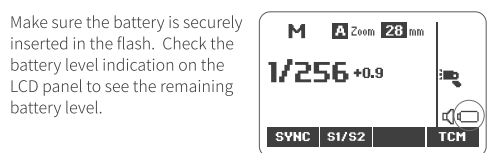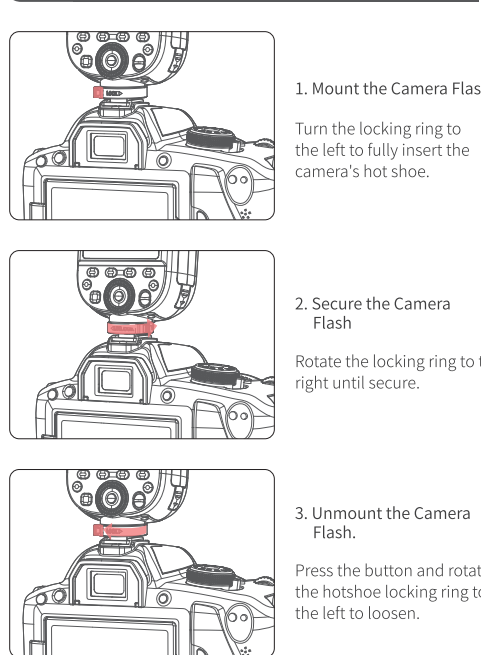① Press <MODE> button so that <M> is displayed.

1/256 +0.9
SYNC   S1/S2   TCM

② Turn the Select Dial to set the flash output rating.

③ Press Set Button again to confirm the setting.
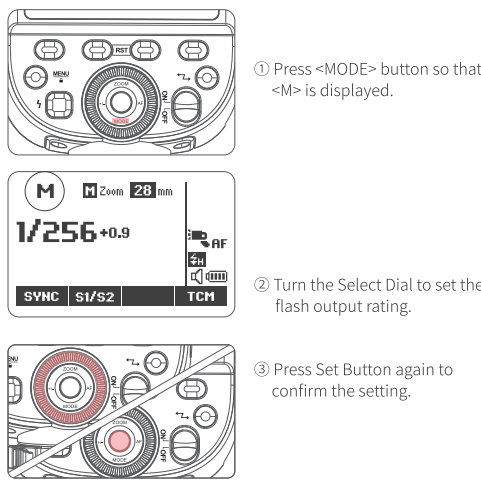
Press function button 2 to adjust the S1/S2 mode

* S1 Optical control unit setting

In M manual flash mode, the S1 function can be used and the flash unit can function as an optical secondary flash. It will fire synchronously when the main flash fires, the same effect as that obtained by the use of radio triggers. This helps the photographer create multiple lighting effects.

* S2 Optical control unit setting

In M manual flash mode, the S2 function can be used and the flash unit can function as an optical S2 secondary flash. In this mode, it will ignore the pre-flash emitted by the TTL flash and will only fire in response to the second flash from the main unit.

Note: S1 and S2 optical triggering is only available in M manual flash mode.

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The term stroboscopic flash relates to a rapid series of flashes being fired. It can be used to capture multiple images of a moving subject in a single photograph.

You can set the firing frequency (number of flashes per sec. expressed as Hz), the number of flashes, and the flash output.

① Press the <MODE> button so that <MULTI> displays.

② Set the flash frequency and the number of flashes.

③ Press the Function Button 1 <Times> to select the number of flashes. Turn the Select Dial to set the value.
② Press the Function Button 2 <Hz> to select the flash frequency. Turn the Select Dial to set the value.

1/256 · 1 - 1 Hz
Times   Hz   RF

③ Turn the Select Dial to set the flash output. Press SET Button to confirm and all settings will be displayed.

Calculating the Shutter Speed:

During a stroboscopic flash, the shutter remains open until the firing stops. Use the formula below to calculate the shutter speed and set it with the camera.

Number of flashes / Flash Frequency = Shutter Speed

For example, if the number of flashes is 10 and the firing frequency is 5 Hz, the shutter speed should be at least 2 seconds.

* To avoid overheating and deterioration of the flash head, do not use the stroboscopic flash more than 10 times in succession. After 10 times, allow the camera flash to rest for at least 15 minutes. If you try to use the stroboscopic flash more than 10 times in succession, the flash may stop flashing automatically. This is to protect the flash head. Should this happen, please allow the camera to rest for 15 minutes.

* Stroboscopic flash is most effective with a highly reflective subject against a dark background.

* It is recommended to use a tripod and a remote control.

* A flash output of 1/1 and 1/2 cannot be set for stroboscopic flash mode.

* Stroboscopic flashes can be used with the "buLb" function.

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* If the flash count is displayed as --, the flash will fire continuously until the shutter release or the battery is exhausted. The number of flashes will be limited as shown in the table below.

Maximum number of strobe flashes

Hz \ Flash output	1	2	3	4	5	6~7	8~9
1/4	8	6	4	3	3	2	2
1/8	14	14	12	10	8	6	5
1/16	30	30	30	20	20	20	10
1/32	60	60	60	50	50	40	30
1/64	90	90	90	80	80	70	60
1/128	100	100	100	100	100	90	80
1/256	100	100	100	100	100	90	80

Hz \ Flash output	10	11	12~14	15~19	20~50	60~199
1/4	2	2	2	2	2	2
1/8	4	4	4	4	4	4
1/16	8	8	8	8	8	8
1/32	20	20	20	18	16	12
1/64	40	40	40	35	30	20
1/128	70	70	60	50	40	40
1/256	70	70	60	50	40	40

Wireless Flash Shooting: Wireless (2.4G) Transmission

* When the camera's shooting mode is set to a fully automatic mode or an Image Zone mode, the operations explained in this chapter are not available. Please set the camera's shooting mode to P/Tv/Av/M/B (Creative Zone Mode).

* The Z760-C attached to the camera is called the transmitter unit, and a Z760-C that is wirelessly controlled is called the receiver unit.

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Using a flash (transmitter/receiver) with a radio transmission wireless shooting function make it easy to shoot with advanced wireless multiple flash lighting, in the same way as E-TTL II autoflash shooting.The basic relative position and operation range are as shown in the picture. You can then perform wireless E-TTL II autoflash shooting by setting the transmitter unit to <ETTL>.

Positioning and Operation Range (Example of wireless flash shooting)

Autoflash Shooting with One Receiver Unit

MASTER
(Transmitter)

SLAVE
(Receiver)

Transmission distance is about 100m.

* Use the supplied mini stand to position the Receiver unit.
* Perform a test flash and test shot before shooting.
* The transmission distance might be shorter depending on the conditions such as the positioning of the Receiver units, the surrounding environment and weather conditions.

Wireless Multiple Flash Shooting

You can split the slave unit into two or three groups and shoot E-TTL II Auto Flash while changing the flash ratio (focus). In addition, each flash group (up to four groups) can be set and shot with different flash modes.

① Auto flash shooting with two slave groups.

A B

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② Auto flash Shooting with three slave groups

③ Shooting with a Different Flash Mode set for Each Group

Ceiling

E-TTL II

Automatic external flash metering

Manual flash

Manual flash

* The flash mode Settings shown above are only used as examples.

1. Wireless Settings

You can switch between normal flash and wireless flash. For normal flash, be sure to set wireless Settings to "off".

Transmitter (Master) Unit Setting

① Press < ⚡ > button so that < ((•)) > displays on the LCD panel.

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Receiver (Slave) Unit Setting

① Press < ⚡ > button so that < ((•)) > and < SLAVE > displays on the LCD panel.

2. Turn off Master unit flash

When the Transmitter (master) unit is set to OFF, only the Receiver (slave) units will fire a flash.

① Press <MENU> Button to enter custom <MASTER> Settings.
② Set Transmitter to ON/OFF to control the On/Off of the Transmitter unit.
* Even if the master unit is disabled, it will still fire a preflash in order to transmit wireless signals.

* After adjusting the settings, press function button 4 to exit

3. Setting the communication channel

If there is more than one wireless flash system nearby, you can change the communication channel to prevent signal interference. Ensure that the channel of the transmitter and receiver units are matching.

① Press <MENU> Button to enter CH custom settings.
② In Custom CH settings screen, turn the Select Dial to choose a channel from 1 to 32.
③ Press the SET button to confirm.

* After setting, press function button 4 to exit

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4. Wireless ID Settings

In addition to changing the wireless communication channel to avoid signal interference, you can also change the wireless ID to prevent interference. Set the channel and the wireless ID of the transmitter unit and the receiver unit to the same values. Go to C.Fn ID and choose wireless ID from 01 to 99. Select OFF to disable the wireless ID.

* After setting, press function button 4 to exit.

5. Scan for a free, unused channel

To avoid the issue of interference by using the same channel(s) already in use by others, use this function: enter the C.Fn settings and find the SCAN option. When setting it to START, it will scan from 1% to 100%. The 8 spare channels will be displayed after the scan is completed.

* After setting, press function button 4 to exit.

6. ETTL: Automatic wireless flash photography

Note: The transmitter (master) unit and the receiver (slave) unit must have the same wireless ID, channel and group before the flashes can be fired wirelessly.

Using Automatic Wireless Flash with a Single Receiver Unit.

(Press the function button 1/2/3/4(corresponding to A/B/C/D) to independently adjust to TTL mode.)

* Press function button 2(corresponding to B) to select group B, and then press function button 2 again to select TTL/M/-- option (turn the dial to adjust power and set flash output power), as shown in the picture.

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(1) Transmitter Unit Setting

① Attach a unit Z760-C flash on the camera and set it as the transmitter unit. Set it to ON to flash.(Page17)
② A signal transmitter can also be used as the master control unit. The transmitter can control the ZOOM value of the Z760-C, but the ZOOM must be set to auto Ⓐ mode.

(2) Receiver Unit Setting

Mount the Z760-C camera flash as the wireless Receiver Unit.

(3) Check the communication channel

Set the channel of the Transmitter unit and Receiver unit to the same values. Set the Transmitter unit channel(page 17). The Receiver unit can be set to press the function button 3/4 (corresponding Gr/CH) to adjust the group channel.

(4) Position the camera and flashes

Position the camera and flashes as indicated by the picture. (Page 15)

(5) Check if the flash is ready

① Check that the Transmitter flash ready indicator is lit
② When the Receiver flash ready indicator is ready, the AF-assist beam lighting area will flash at 1 second intervals.

(6) Check the flash operation

① Press the Transmitter unit ' s Test Button < ⚡ >.
② The Receiver unit should then flash. If it doesn't, check the receiver is placed within the operating range.

Using Automatic Wireless Flash with Multiple Receiver (slave) Units

When a larger flash output is required, you can increase the number of slave units and flash them as a single unit.

To add receiver (slave) units, use the same steps as setting "automatic wireless flash with a single Receiver unit " . Any flash group can be set (A/B/C/D/E).

When the number of slave units is increased or the master flash is setto ON, automatic control ensures that all flashes fire at the same flash output so that the total flash output meets the standard exposure.

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* Press the depth-of-field preview button on the camera to fire a modeling flash.
* If the auto power off of the slave unit has kicked in, press the test button on the Master unit to trigger a flash button enables the slave unit. Please note that the flash cannot be tested during the camera's metering time.
* It is possible to modify the amount of time before the slave unit automatically powers off.
* It is also possible to set so that the autofocus assist transmitter does not flash when the slave unit has finished powering up.

Using a fully automatic wireless flash

The flash exposure compensation (FEC) and other settings set on the master unit are also set automatically in the slave unit. Operation of the slave unit is not required. The following settings can be used for shooting with no line flash in the same way as for normal flash shooting.

① Flash Exposure Compensation
② Flash Exposure Lock
③ Flash Exposure Lock
④ Manual Flash
⑤ Stroboscopic Flash

About Transmitter Unit

Two or more master units can be used. By configuring multiple cameras with master units, you can change the cameras used for shooting while maintaining the same lighting (slave units).

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7. M: Manual Wireless Flash Shooting

Shooting with manual flash with no line (multi-flash) allows you to set different flash outputs for each slave unit (flash group) for shooting. All parameters need to be set on the master control unit.

① To set the flash output
Press the function button 1/2/3/4 <A/B/C/D>, Turn the Select Dial to set the flash output of the groups. Press the Set Button to confirm.

② Press the function button 1/2/3/4 (corresponding A/ B/C/D) to adjust to M mode.

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③ Taking pictures
Each group fired at the set flash ratio.

Setting <M> Flash Mode

You can directly operate the Receiver unit to manually set the manual flash or stroboscopic flash.

① Setting the Receiver unit.
② Setting flash mode to <M>.
③ Press <MODE> button so that <M> displays.
④ Set the manual flash output.

8. Multi: Wireless Flash Shooting with Manual Flash

To set the <MULTI> strobe mode.
① In the main control screen mode, press the <MODE> mode selection button to display <MULTI>.
② Set the strobe flash setting in the main control screen mode.

In receiver unit mode, press the <MODE> button to display <MULTI>.

Troubleshooting: 2.4G wireless flash misfiring

1. Interference of the 2.4g signal resulting from external factors (such as a wireless hub, 2.4G Wi-Fi routing, Bluetooth equipment, etc.)
→ Please adjust the channel CH setting of the transmitter(>10 is recommended) to find a channel without interference, or turn off other 2.4G devices in close proximity whilst working.

2. Please ensure that the flash is fully recycled, the flash ready indicator is on and that the overheat protection feature hasn't been triggered.
→ Please lower the flash setting by changing to manual mode (M) (If the device is in TTL mode, you need to fire a preflash)

3. Please check whether the flash detector and the receiving device are running low on power
→ Please replace the batteries (1.5V disposable alkaline batteries are recommended for the flash receiver battery)

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1. Sync Triggering

The Sync Cord Jack is a Φ2.5mm connector. Insert a trigger plug here and the flash will be fired in sync with the camera shutter.

2. Auto Focus Assist Beam

In low-brightness or low-contrast shooting situations, the flash's built-in autofocus assist lamp turns on to make autofocusing easier. When focusing is difficult, the red autofocus assist light comes on.

To turn off the autofocus function, set "AF" to "OFF" in C.Fn.

* If the user finds that the assisted focus light is not on when using it, it is because the camera is already accurately focused.

Position	Operating range
Center	0.6-10m / 2.0-32.8 feet
Periphery	0.6-5m / 2.0-16.4 feet

3. Bounce Flash

By pointing the flash head toward a wall or ceiling, the flash will bounce off the surface before illuminating the subject. This can soften shadows behind the subject for a more natural-looking shot. This is commonly known as a 'bounce flash'.

Position the flash head to set the bounce direction.

-7-120°

330°

* If the wall or ceiling is too far away, the bounced flash might be too weak and result in underexposure
* The wall or ceiling should be a plain, white color for high reflectance. If the bounce surface isn't white it will result in "off color" photos.

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4. ZOOM: Set the flash coverage

The flash coverage can be set automatically or manually. It can be set to match the lens focal length from 20mm to 200mm. In auto zoom, the focal length changes with the camera's zoom lens to provide the best flash effect.

In Manual Zoom mode, press the <ZOOM> button.
① Turn the Select Dial to change the flash coverage.
② Ⓐ is displayed, the flash coverage will be set automatically.

* If you set the flash coverage manually, make sure it covers the lens focal length so that the picture will not have a dark periphery.

5. Creating an Eye Catchlight

Using the reflector panel to create a catchlight in the subject's eyes to make facial expressions more vivid.

① Rotate the flash head up 90°.
② Pull out the reflector and the wide angle panel will pop out at the same time.

③ Push in the reflector.
④ Push in the reflector only.
⑤ Follow the same steps mentioned in the section covering Bounce Flash

* Point the flash head forward and tilt it 90° upward. If you rotate the flash head left or right, no catch light will be produced.
* For best eye catchlight results, the subject must not be within 1.5m/4.9ft of the camera.

6. Using the Wide Angle Diffuser Plate

Pull out the wide angle diffuser plate and place it over the flash head to extend the flash range. In doing so, you will obtain a softer and more natural flash output.

Pull out the wide angle diffuser plate and place it on the flash head. The flash light coverage will be extended to 14mm.

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If the reflector has popped out at the same time, please push it back to the original position.

C.Fn: Setting Custom Functions

Use the Customize function to complete settings according to the following chart.

Custom Function Symbols	Function	Setting No.	Set-Up and Instructions
AF	AF-assist beam	ON	on
		OFF	off
STBY	Auto sleep setting	ON	on
		OFF	off
SV STBY	Receiver auto power off timer	60min	60min
		30min	30min
		10min	10min
SCAN	Scan for idle channels	START	Start search for idle channel
CH	Channel setting	01-32	Choose a channel from 01-32
ID	Wireless ID	01-99	Choose any figure from 01-99
BEEP	Beeper	ON	on
		OFF	off
LIGHT	Backlight Duration	12sec	Off in 12 sec
		OFF	Always off
		ON	Always off
LCD	LCD contrast ratio	-3~+3	7 levels
FEB ACL	FEB auto cancel	ON	on
		OFF	off
MASTER	Transmitter unit control	OFF	off
		ON	on
DIST	Flash distance	1-100M	1-100M flash
		0-10M	0-10M flash

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1. Press MENU Button until C.Fn menu displays, The "Ver x.x" in the lower-right corner refers to the software version.
2. Change the Setting.
① Short press the MENU button to select the C.Fn sub-menu.
② Rotate the adjustment knob to select the item to be adjusted. Press the set button to change value.
③ After adjusting the settings, press the <MENU> button to start shooting.

Restore factory settings

① Long press the two < RST> buttons at the same time.

② "RESET" will appear on the screen to indicate that the factory settings have been restored.

Firmware upgrade

The firmware of this product can be upgraded through the USB port. The latest software announcements and instructions will be published on the official website.

※ This product does not come with a USB cable for the firmware upgrade. Please purchase separately. The USB port of this product is a Type-C port. Please use only a USB Type-C cable.
※ Upgrading the firmware requires Neewer Firmware software support. Please download and install "Neewer Firmware Update", and then select the corresponding firmware file before updating.
※ As the product is undergoing a firmware upgrade, please refer to the latest electronic version of the manual.

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Mount the flash directly onto the Canon EOS camera to control the flash using the camera's menu screen. Please refer to the camera instructions for details.

1. Setting Camera Flash Functions

The following flash functions are can be set according to different flash modes.
① Flash mode
② Shutter sync
③ FEB
④ FEC
⑤ Flash firing
⑥ Clear camera flash settings

2. Custom Functions of Camera Flash

C.Fn-00, C.Fn-01, C.Fn-03, C.Fn-04, C.Fn-08, C.Fn-20, C.Fn-22,7 in total.

Clear All Flash Custom Functions

Flash function settings screen   Flash C.Fn settings screen

* Screen view taken from the EOS-1D Mark III.
* If flash exposure compensation has already been set using the camera flash, flash exposure compensation cannot be set with the camera. To set it with the camera, the camera flash's flash exposure compensation must be set to "0".
* If any Flash Custom Functions and flash settings, other than flash exposure compensation, have been set by both the camera and the flash, the last applied settings will be used.

Protection Function

1. Over-Temperature Protection

① To prevent the flash head from deteriorating and overheating, it is recommended not to fire more than 30 continuous flashes in fast succession at 1/1 full power. After 30 continuous flashes, pause the use of the flash for at least 10 minutes.
② If you fire more than 30 continuous flashes and then fire more flashes in short intervals, the inner over-temperature protection function may be activated. The recycling time will be longer (over 10s). If this occurs, the use of the device should be paused for at least 10 minutes for the flash unit to operate as normal.

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Number of flashes that will activate over-temperature protection:

Power	Number of Flashes
1/1	30
1/2 +0.7	40
1/2 +0.3	50
1/2	60
1/4(+0.3,+0.7)	100
1/8(+0.3,+0.7)	200
1/16(+0.3,+0.7)	300
1/32(+0.3,+0.7)	500
1/64(+0.3,+0.7)	1000
1/128(+0.3,+0.7)	
1/256(+0.3,+0.7)	

2. Other Safety Functions

* The system provides real-time protection to secure the device and your safety. The following lists prompts for your reference:

Prompts on LCD Panel	Indicates
E1	A fault has developed with the flash's recycle system so that the flash cannot fire. Please restart the flash unit. If the problem still exists, please send this product to a maintenance center.
HOT	The flash will disable when the temperature inside the unit is too high in which case you should stop using the flash for 10 minutes.

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Model	Z760-C
Compatible Cameras	Canon EOS cameras (E-TTL II autoflash)
Power(1/1 output)	76Ws
Flash Coverage	20–200 mm (Pull out the diffusion panel and the focal length automatically changes to 14mm)
	Auto zoom , Manual zoom
Flash Duration	Swinging /lifting flash head (bounce flash): 0 to 330° horizontally and -7° to 120° vertically
	1/300 to 1/20000 seconds
Exposure control system	E-TTL II autoflash and manual flash
Flash exposure compensation (FEC)	Manual. FEB: ±3 stops in 1/3 stop increments (Manual FEC and FEB can be combined.)
Flash exposure lock (FEL)	Use <FEL> button on ' ' button
Sync mode	High-speed sync (up to 1/8000 seconds), first-curtain sync, and second-curtain sync
Multi flash	Autonomy(up to 100 times, 299Hz)
Wireless flash control 2.4G transmission	
Wireless flash function	Transmitter, Receiver, Off
Transmitter groups	A, B, C, D
Controllable Receiver groups	A, B, C, D, E (E group can be controlled by Q series flash trigger available on Neewer.com)
Transmission range (approx.)	100m
Channels	32 Groups: 01~32
ID	01-99
Auto Focus Assist Beam	
Effective range (approx.)	Center: 0.6~10m / Periphery: 0.6~5m
Power source	
Built-in Li-ion battery	7.4V/2600mAh Li-ion battery
Recycle time	Approx.1.5 seconds. Red LED indicator will light up when the flash is ready.
Number of flash in full power	Approx. 480
Energy-saving	Auto Power off after approx. 90 seconds of idle operation. (60 minutes if set as Receiver)
Sync Triggering Mode	Hotshoe, 2.5mm sync line
Dimensions	
Volume	58*72*189 mm
Net weight without battery	405g
Weight with battery	530g

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If you experience a problem with the device, please refer to this Troubleshooting Guide.

1. The Camera Flash does not fire

① The camera flash is not attached securely to the camera.
→Attach the hot shoe base mount of the flash securely to the camera.
② The electrical contacts of the camera flash and camera are dirty.
→Clean the contacts.
③ The flash ready indicator < ⚡ > is not displayed in the viewfinder of camera.
→Wait until the flash is fully recycled and the flash ready indicator lights up.
→If the flash ready indicator lights up, but < ⚡ > or < ⚡ > is not displayed in the view finder, check whether this flash unit is securely attached to the camera hotshoe.
→If the flash ready indicator does not light up after a long period of time, check whether the battery power is sufficient. If the battery is low (low battery voltage icon flashes on the flash screen), please replace the battery immediately.

2. Auto power off

① After 90 seconds of idle operation, auto power off will have activated if the flash is set as Transmitter (Master).
→Press the shutter button halfway or press any flash button to wake up.
② After 60 minutes (or 30 minutes) of idle operation, the flash unit will enter sleep mode if it is set as Receiver (Slave).
→Press any flash button to wake up.

3. Auto zoom does not work.

The camera flash is not attached securely to the camera.
→Attach the camera flash's mounting base to the camera.

4. The flash exposure is underexposed or overexposed.

① There was a highly reflective object (e.g. glass window) in the picture.
→Use FE lock (FEL).
② You used high-speed sync.
→With high-speed sync, the effective flash range will be shorter. Make sure the subject is within the effective flash range displayed.
③ Use Manual Flash mode.
→Set the flash mode to ETTL or modify the flash output.

5. Photos have dark corners or only parts of the target subject are illuminated.

The focal length of lens exceeds the flash coverage.
→Check the focal length that has been set. This flash unit has the flash coverage between 20 and 200mm, which fits medium-format cameras.

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The item is compatible with following Canon camera models::

R	R3	R5	R6	R7	R8	R10	R50	R100	R6 II	R5 C

1DX	450D	500D	550D	600D	650D	8500	11000	1000D

7500 / T6i	1D Mark III	5D Mark II	5D Mark III	5D Mark IV

R8	6D Mark II	760D / T6s	800D / T7i	7D Mark III	7D / 9000D

77D / 9000D	1500D / 2000D / T7	2000 II4 / 250D / SL3

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