FLASHPOINT

FPLFSMZLCIII

ZOOM LI-ON III R2 TTL SPEEDLIGHT

FLASH KIT FOR CANON CAMERAS

Thank You for Choosing Flashpoint!

The new Flashpoint Zoom Li-on III R2 TTL Speedlight for Canon with Integrated R2 Radio Transceiver is the fully compatible on-camera speedlight for the Canon ETTL system. This advanced version delivers improved wireless abilities and a more refined and enhanced flash spread, plus a 2W modeling lamp on or off camera.

The Zoom Li-on III shares the same ingenious internal interchangeable 7.2V/2600mAh Lithium Ion battery as the Zoom Li-on X, boasting up to 450 without the irritation of cables to an external battery pack. The incredible amount of power produced by this compact and lightweight unit, as well as the integrated functions and features, make the Zoom Li-on III R2 TTL the natural choice of pro or amateur photographer.

Beneath the new Flashpoint Zoom Li-On III R2 TTL sleek design, is a wireless command center for the proven R2 Wireless that's sure to amaze, wherever your adventure. Well thought out menus, with simplicity and control at heart, keep you focused on the subject, not on tech. Direct Group access, Lithium recycle speed and dependency, ever primed for action, reaching across space with a flash so beautiful you'll wonder how we did it.

The R2 Family. Multiple distinct members from mini speedlights to monster monolights. Each one the results of insight and refinement.

Becoming a frontrunner does not occur by coincidence.

Only by expertise.

Conventions used in this Manual

- This manual is based on the assumption that both the camera and camera flash's power switches are powered on.
- Reference page numbers are indicated by "p.**".
- The following alert symbols are used in this manual:

⚠ The Caution symbol gives supplemental information.

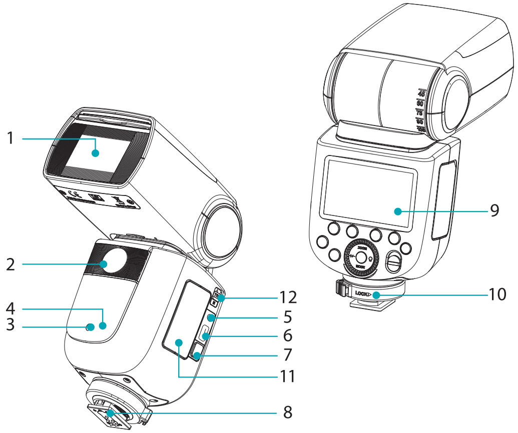
The Note symbol indicates a warning to heed.

Contents

Features

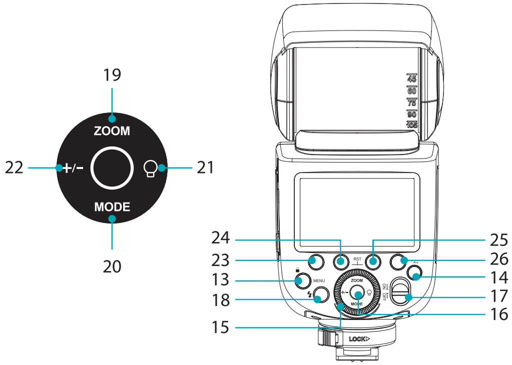
- Beautiful Powerful Flash with GN 197ft / 60m @ISO 100 (200mm).
- Uses an advanced Li-Ion Polymer battery for speedy recycle and longer life.
- Full power recycle time of less than 1.5 seconds.
- Approximately 450 full power flashes per charge.
- Remote Canon ETTL power control with the Flashpoint R2 System built-in.
- Complete compatibility with ETTL system features like exposure compensation, EXIF inscription, flash value lock, and High Speed Sync.
- R2 TTL communication flashes as a Transmitter or Receiver.
- Control of 4 different wireless groups.
- Receiver Mode operates on 5 Groups.
- Instant TTL to Manual Quick Switch.
- Backlit Matrix LCD.
- Multipurpose Buttons with Digital Marking for Faster Navigation.
- Zooming 20-200mm head with automatic or manual control.
- High Speed Sync for shutter speeds up to 1/8000 second.
- Front or Rear Curtain Sync.
- Laser AF Assist Lamp for Instant Autofocus Even in Complete Dark on Low Contrast Surfaces.
- 10 Level Powerful 2W SMD LED Modeling Lamp.
- Regular and Intelligent Optical Receiver Modes.
- Stable color temperature at 5600°±200°K over the entire power range.
- 330-degree rotation and 120 degree tilt Head.
- Perfect for on and off camera use.
- Level Lock Hot Shoe Foot Clamp.

Name of Parts



Body

1. Flash Head
2. LED Modeling Lamp (1~10)
3. Focus Assist Beam
4. Wireless Sensor
5. Sync Cord Jack
6. Type-C USB Port
7. Battery Remove Button
8. Hotshoe
9. LCD Panel
10. Hotshoe Lock Lever
11. Lithium Battery
12. TTL/Manual Mode Quick Switch



Control Panel

13. < **MENU** > Flash Menu Button / Locking Button

14. < > Wireless Selection Button

15. Select Dial

16. Set Button

17. ON/OFF Power Switch

18. < > Test Button / Flash Ready Indicator

19. < **ZOOM** > Lens Coverage Length Setting

20. < **MODE** > Mode Selection Button

21. < > Modeling Lamp Setting

22. < **+/-** > Power Output

23. Function Button 1

24. Function Button 2

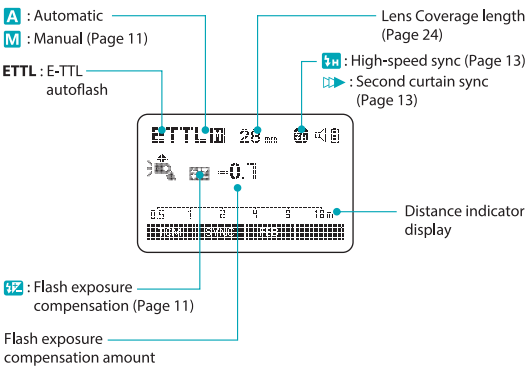
25. Function Button 3

26. Function Button 4

LCD Panel

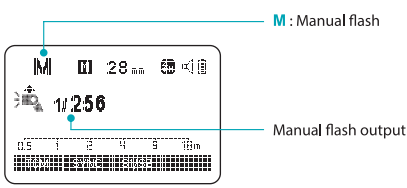
(1) E-TTL Autoflash

Zoom : zoom mode (Page 24)

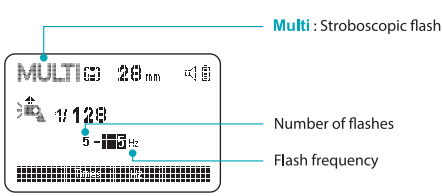


- The display will only show the settings currently applied.
- The functions displayed above function buttons 1 to 4, such as SYNC and **< A/B/C/D >** , change according to settings' status.
- When a button or dial is operated, the LCD panel illuminates.

(2) M Manual Flash

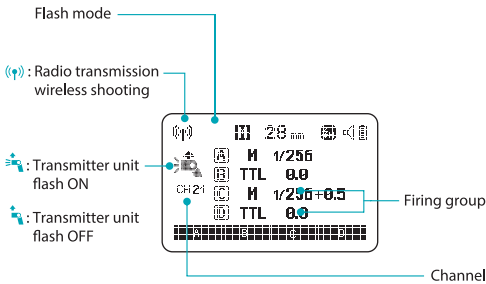


(3) Multi Flash

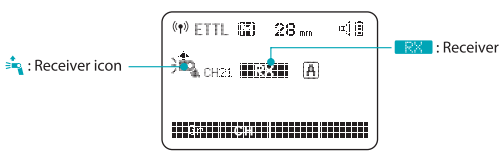


(4) R2 Radio Transmission Shooting

- Transmitter Unit (TX)



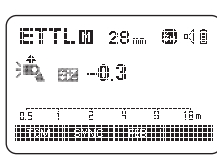
- Receiver Unit (RX)



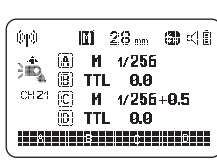
Note: The flash unit attached to the camera is referred to as the "Transmitter", and other flash units controlled wirelessly are referred to as "Transmitter".

- LCD Panel in Three Modes

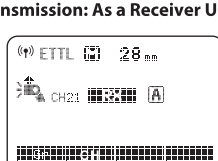
Attached to the Camera



R2 2.4G Radio Transmission: As a Transmitter Unit

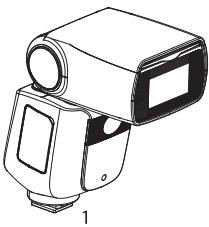


R2 2.4G Radio Transmission: As a Receiver Unit



• What's in the Box?

1. Flash Unit
2. Lithium Battery
3. USB Battery Charger
4. USB Line
5. Charger
6. Mini Stand
7. Protection Case
8. Instruction Manual



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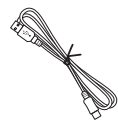
2

3



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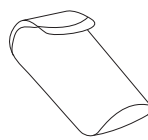
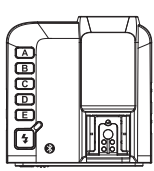
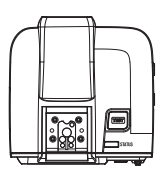


7

• Separately Sold Accessories

The product can be used in combination with the following accessories sold separately, so as to achieve best photography effects: Flashpoint R2ProC, R2T MarkII C, R2Pro MarkII C, TTL wireless flash trigger, all available at adorama.com.





Battery

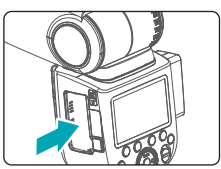
Features

1. This flash unit uses a Li-ion polymer battery with a long runtime. The available charge-and-discharge times are 500.
2. The battery is reliable and safe. Internal circuits protect against shorts and voltage irregularities.
3. The cells only require 3.5 hours to fully charge the battery using the standard battery charger.

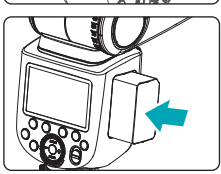
Cautions

1. Do not short circuit.
2. Do not expose to rain or immerse into water. This battery is not waterproof.
3. Keep out of reach of children.
4. Avoid 24 hours of continuous charging.
5. Store in dry, cool, ventilated places.
6. Do not dispose in fire or incinerate.
7. Dead batteries should be disposed according to local regulations.
8. Never leave a depleted battery in storage. It is best to recharge batteries every 3 months.

Loading and Unloading the Battery



1 To unload the battery, hold down the battery remove button and push the battery downwardly to take it out.



2 To load the battery, align the printed side forward, making sure that the arrow and the contacts are facing left. Slide the cell into the compartment until the battery is firmly seated and locks with a 'click'.

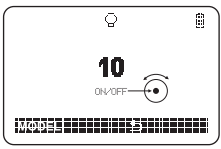
Battery Level Indication

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

Battery Level Indication	Meaning
3 grids	Full battery
2 grids	Middle battery reserve
1 grid	Weak battery
Blank grid	Weak battery, please recharge.
Blinking	The battery is depleted, and the flash will auto power off in 1 minute. **Note:** Please recharge the battery as soon as possible (within 10 days).

LED Modeling Lamp

Press the Modeling Lamp Setting button to set the modeling lamp. Short press the Set Button to turn on or off the modeling lamp. When turning the modeling lamp on, turn the select dial to set its brightness. The LED can be set to 10 levels of brightness, from 1-10.



Attaching to a Camera

1 **Attach the Camera Flash.**

- Rotate the Hotshoe Lock Lever to the left and insert the camera flash into the camera's hotshoe.

2 **Secure the Camera Flash.**

- Rotate the Hotshoe Lock Lever to the right until it locks up.

3 **Detach the Camera Flash.**

- Press the button and rotate the Hotshoe Lock Lever to the left until it is loosened.

Power Management

Use ON/OFF Power Switch to power the flash unit on or off. Turn off if the flash will not be used for an extended period of time. When setting as a transmitter flash, it will turn the power off automatically after a 90 second when not in use. Pressing the camera shutter halfway or pressing any flash button will wake up the flash unit. When setting as a receiver flash, it will enter sleep mode after 60 minutes or idle time. Press any flash button to wake it up.

C.Fn Disabling Auto Power Off function is recommended when the flash is used off camera. (C.Fn-STBY, Page 25)

C.Fn Receiver Auto Power Off Timer is set to 60 minutes by default. Another option "30 minutes" is available. (C.Fn-RX STBY, Page 25)

Flash Mode: E-TTL Autoflash

This flash has three flash modes: **E-TTL**, Manual (**M**), and **Multi** (Stroboscopic). In **E-TTL** mode, the camera and the flash will work together to calculate the correct exposure for the subject and the background. In this mode, multiple TTL functions are available: FEC, FEB, FEL, HSS, second curtain sync, modeling flash, control with the camera's menu screen.

* Press **< MODE >** Mode Selection Button and three flash modes will display on the LCD panel one by one with each pressing.

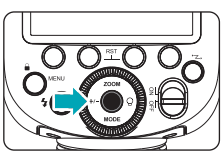
ETTL Mode

* Press **< MODE >** Mode Selection Button to enter E-TTL mode. The LCD panel will display.
- Press the camera release button halfway to focus. The aperture and effective flash range will be displayed in the viewfinder.
- When the shutter button is fully pressed, the flash will fire a preflash that the camera will use to calculate exposure and flash output the instant before the photo is taken.

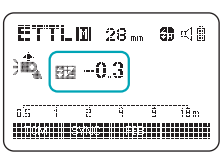
FEC: Flash Exposure Compensation

With FEC function, this flash can adjust from -3 to +3 in 1/3rd stops. It is useful in situations where minor adjusting of the TTL system is needed based on the environment.

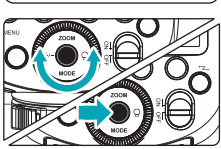
Setting FEC:



1 Press Function Button 2 Press the **< +/- >** button. The icon **<** ⚡ **>** and flash exposure compensation amount will be highlighted on the LCD panel.



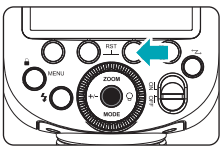
2 Set the flash exposure compensation amount.
- Turn the Select Dial to set the amount.
- "0.3"means 1/3 stop. "0.7"means 2/3 stop.
- To cancel the flash exposure compensation, set the amount to "+0".



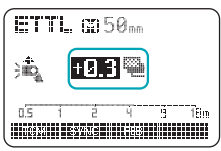
3 Press SET button again to confirm the setting.

FEB: Flash Exposure Bracketing

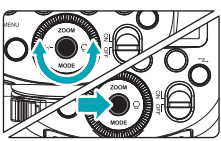
You can take three flash shots while automatically changing the flash output for each shot from -3 to +3 in 1/3rd stops. The camera will record three images with different exposures: one exposed according to camera calculations, one over-exposed and another under-exposed. Over and under exposure amount is user adjustable. This function helps get correct exposure especially in shooting moving objects or when environmental lights are complex.



1 Press function button 3 < FEB >. The icon < > and the exposure bracketing amount will be highlighted on the LCD panel.



2 Set the flash exposure compensation amount.
- Turn the Select Dial to set the amount.
- "0.3"means 1/3 stop. "0.7"means 2/3 stop.



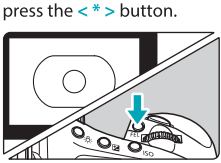
3 Press Set Button again to confirm the setting. Then your **FEC** and **FEB** settings are displayed on the LCD panel.

- FEB will be cancelled after three photos are taken.
- For best results, set the camera drive mode to "single" and ensure the flash is ready before shooting.
- FEB can be used with FEC and FEL.

C.Fn You can prevent the FEB from being cancelled automatically after three photos are taken. (C.Fn-FEB ACL, Page 25)

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.



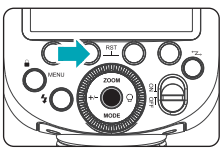
1 Focus the subject.

2 Press the < FEL > button.
- Aim the subject at the center of the viewfinder and press < FEL > button.
- The camera flash will fire a preflash and the required flash output for the subject is retained in memory.
- Each time the < FEL > button is pressed, a preflash will be fired and a new flash exposure setting will be locked.

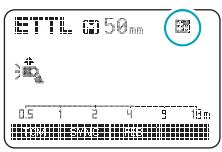
- If the subject is too far away and , the < ϟ > icon will blink in the viewfinder. Move closer to the subject and try the FE lock again.
- If < ETTL > is not displayed on the LCD panel, FE lock cannot be set.
- If the subject is too small, FE lock might not be very effective.

High-Speed Sync

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



1 Press Function Button 2 < SYNC > so that < ϟH > is displayed.

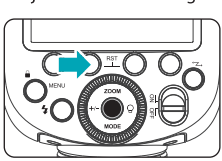


2 Check that < ϟH > is displayed in the viewfinder.

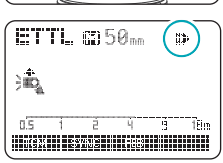
- If you set a shutter speed that is the same as or slower than the camera's maximum flash sync speed, < ϟH > will not be displayed in the viewfinder.
- With high-speed sync, the faster the shutter speed, the shorter the effective flash range.
- To return to normal flash, press < SYNC > button again. Then < ϟH > 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.

Second-Curtain Sync

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

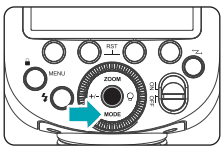


Press function button 2 < SYNC > button so that < ▷▶ > is displayed on the LCD panel.

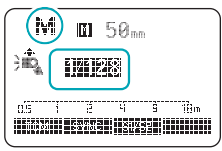


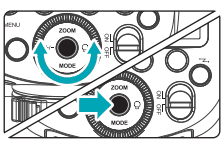
M: Manual Flash

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.





2 Turn the Select Dial to choose a desired flash output amount.

3 Press Set Button again to confirm the setting.

Optic S1 Secondary Unit Setting

In M manual flash mode, press **< S1/S2 >** button so that this flash can function as an optic S1 secondary flash with optic sensor. With this function, the flash will fire synchronously when the main flash fires, the same effect as that by the use of radio triggers. This helps create multiple lighting effects.

Optic S2 Secondary Unit Setting

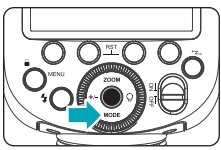
Press **< S1/S2 >** button so that this flash can also function as an optic S2 secondary flash with optic sensor in M manual flash mode. This is useful when cameras have a pre-flash function. With this function, the flash will ignore a single "preflash" from the main flash and will only fire in response to the second, actual flash from the main unit.

- S1 and S2 optic triggering is only available in M manual flash mode.

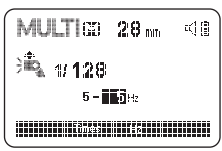
Multi: Stroboscopic Flash

With stroboscopic flash, a rapid series of flashes are fired. Mult Mode can be used to captureIt multiple images of a moving subject in a single photograph.

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

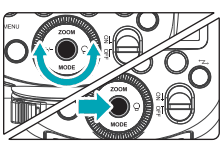


1 Press **< MODE >** button so that **< MULTI >** is displayed.



2 Set the flash frequency and flash times.

- Press the Function Button 2 **< Times >** to select the flash times. Turn the Select Dial to set the number.
- Press the Function Button 3 **< Hz >** to select the flash frequency. Turn the Select Dial to set the number.



3 Turn the Select Dial to choose a desired flash output.

- After you finish the setting, press Set Button and all the settings will be displayed.

Calculating the Shutter Speed

During stroboscopic flash, the shutter must remain 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 deteriorating the flash head, do not use 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 firing might stop automatically to protect the flash head. If this happens, allow at least 15 minutes rest for the camera flash.

- Stroboscopic flash is most effective with a highly reflective subject against a dark background.
- Using a tripod and a remote control is recommended.
- A flash output of 1/1 and 1/2 cannot be set for stroboscopic flash.
- Stroboscopic flash can be used with"**bulb**".
- If the number of flashes is displayed as "**–**", the firing will continue until the shutter closes or the battery is exhausted. The number of flashes will be limited as shown by the following table.

Maximum Stroboscopic Flashes:

Flash output \ Hz	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

Flash output \ Hz	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	50	40	40	35	30	20
1/128	70	70	60	50	40	40
1/256	70	70	60	50	40	40

Wireless Flash Shooting: R2 Radio (2.4GHz) Transmission

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

• The Zoom Li-on that is attached to the camera is called the transmitter unit, and a Zoom Li-on or other R2 flash that is wirelessly controlled is called the receiver unit.
• You can also wirelessly control the Zoom Li-on III set as the receiver unit with an R2 Pro C transmitter(sold separately). For details on setting the transmitter unit functions, see the transmitter's instructions.

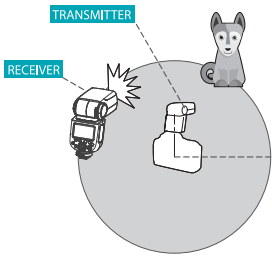
Using a flash (transmitter/receiver) with a radio transmission wireless shooting function make it easy to shoot with advanced wireless multiple flash lighting, in the same way as E-TTL II autoflash shooting.

The basic relative position and operation range are as shown in the picture. You can then perform wireless E-TTL II autoflash shooting just by setting the transmitter unit to **< ETTL >**.

Positioning and Operation Range

(Example of wireless flash shooting)

- Autoflash Shooting with One Slave Unit

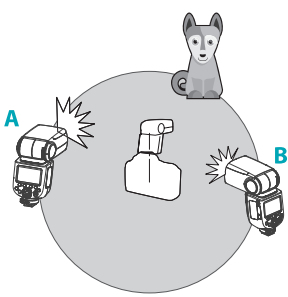


- Use the supplied mini stand to position the Receiver unit.
- Before shooting, perform a test flash and test shooting.
- The transmission distance might be shorter depending on the conditions such as positioning of Receiver units, the surrounding environment and weather conditions.

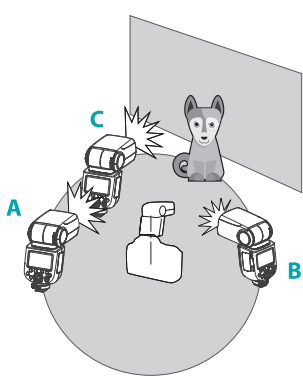
Wireless Multiple Flash Shooting

You can divide the Receiver units into two or three groups and perform E-TTL II autoflash while changing the flash ratio (factor). In addition, you can set and shoot with a different flash mode for each firing group, for up to 4 groups.

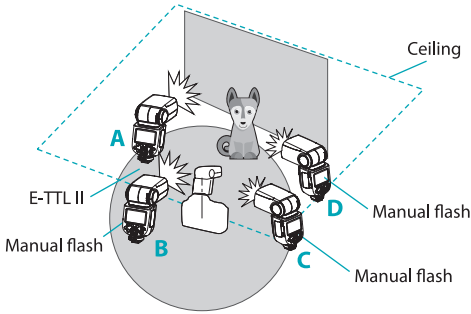
- Auto Shooting with Two Receiver Groups



- Auto Shooting with Three Receiver Groups



• Shooting with a Different Flash Mode set for Each Group

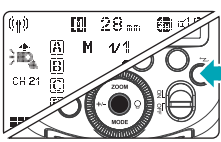


* The flash mode settings are indicated only as an example

1. Wireless Settings

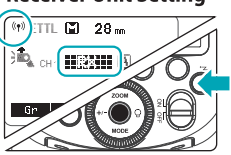
You can switch between normal flash and wireless flash. For normal flash shooting, be sure to set the wireless setting to OFF.

Transmitter Unit Setting



Press < ⇆ > button so that < (( )) > is displayed on the LCD panel.

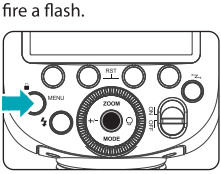
Receiver Unit Setting

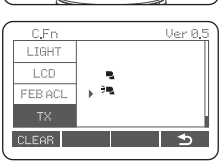


Press < ⇆ > button so that < (( )) > or < ▦ > are displayed on the LCD panel.

2. Transmitter Unit's Flash OFF

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





1 Press < **MENU** > button to enter C.Fn Transmitter setting.

2 Set Transmitter to ON/OFF to control the On/Off of the Transmitter unit.

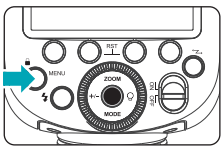
< ▦ > : The Transmitter unit flash firing is ON.

< ▦ > : The Transmitter unit flash firing is OFF.

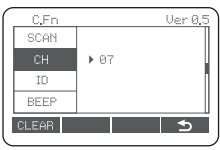
• Even if the Transmitter unit flash firing is disabled, it still fires a preflash to transmit wireless signals.

3. Setting the Communication Channel

If there are other wireless flash systems nearby, you can change the Channel value to prevent signal interference. The Channel value of the Transmitter unit and the Receiver unit(s) must be set to the same.

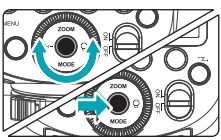


1 Press **< MENU >** button to enter C.Fn CH setting.



2 In C.Fn CH, turn the Select Dial to choose Channel Value from 1 to 32.

3 Press the Set Button to confirm.

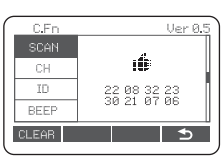


4. Wireless ID Settings

Change the wireless channels and wireless ID to avoid interference for it can only be triggered after the wireless IDs and channels of the Transmitter unit and the Receiver unit are set to the same. Press the **< MENU >** button to enter C.Fn ID. Press the Set Button to choose OFF channel expansion shutdown, and choose any figure from 01 to 99.

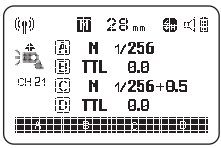
5. Scan Best Open Channel

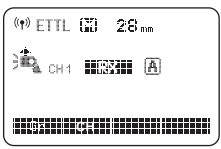
To avoid the interference of using the same channel by others, this function can be used: enter the C.Fn settings and find the SCAN option. When setting it to START, it will scan from 1% to 100%. And the 8 best channels will be displayed after the scan is completed.



6. ETTL: Fully Automatic Wireless Flash Shooting

Using Automatic Wireless Flash with a Single Receiver Unit





1 **Transmitter Unit Setting.**

- Attach a Zoom Li-on III camera flash on the camera and set it as the Transmitter unit.
- R2T-C can also be used as Transmitter unit. R2T-C can control the Zoom Li-on III ZOOM value when the ZOOM is adjusted to auto (A) mode.

2 **Receiver Unit Setting**

- Set the other camera flash as the wireless Receiver Unit.

3 **Check the communication channel.**

- If the Transmitter unit and Receiver unit(s) are set to a different channel, set them to the same channel. (Page 19)

4 **Position the camera and flashes.**

- Position the camera and flashes as the picture shows. (Page 18)

5 **Set the Transmitter unit's flash mode to < ETTL >.**

- Set the Transmitter unit's flash mode to **< ETTL >**.
- For shooting, **< ETTL >** will automatically be set for the Receiver unit.
- Set the Transmitter unit flash firing as **ON** to fire a flash.

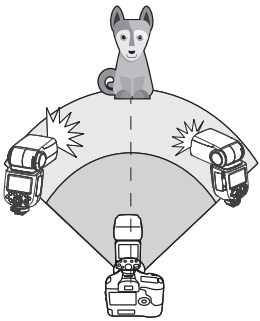
6 **Check that the flash is ready.**

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

7 **Check the flash operation.**

- Press the Transmitter unit's Test Button **< ⚡ >**.
- The Receiver unit will fire. If not, adjust the Receiver unit's toward the Transmitter unit.

Using Automatic Wireless Flash with Multiple Receiver Units



When stronger flash output or more convenient lighting operation is needed, increase the number of Receiver units and set it as a single Receiver Group.

To add Receiver 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 Receiver units is increased and the Transmitter unit flash firing is ON, automatic control transmits to all Groups of flashes to fire the same flash output and regulate the flash output for a proper exposure.

- Press the depth-of-field preview button on the camera to fire a modeling flash.
- If the Receiver unit's auto power off function has turned of the Receiver, press the Transmitter unit's test button to power it on. Please note that test firing is unavailable during the camera's regular metering time.
- The effective time of Receiver auto power off is changeable. (C.Fn-RX STBY Page 25)
- By making some settings, the auto AF-assist transmitter will not blink after the Receiver unit's flash ready indicator is lightened. (C.Fn-AF Page 25)

Using Fully Automatic Wireless Flash

The FEC and other settings that are set on the Transmitter unit will also display on the Receiver unit automatically. The Receiver unit does not need to be set. Follow the same methods used for normal flash operation for wireless flash setup.

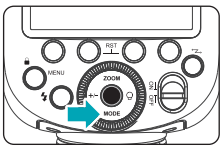
- Flash Exposure Compensation (± Page 26)
- Flash Exposure Lock (Page 12)
- Manual Flash (Page 14)
- Stroboscopic Flash (Page 15)

Multiple Transmitter Wireless Remote R2 Flash

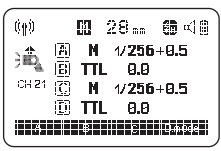
More than one camera with a transmitter flash can link to a Receiver flash. Each transmitter sends its own settings to the receiver flash and the receiving unit changes settings and value instantly. The R2 data from each camera, of any supported brand, transmits to the slave unit without user intervention.

7. M: Wireless Flash Shooting with Manual Flash

The Manual Group Mode is perfect for the strobist using multiple R2 strobes. You can shoot with a different flash output setting for each Receiver Group (firing group). Set all parameters on the Transmitter unit.

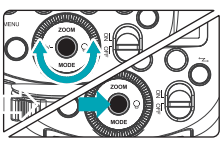


1 **Setting the flash mode to < M >.**



2 **Setting flash output. 1/2/3/4 < A/B/C/D >**

- Press Function Button 3 < Gr >. Turn the Select Dial to set the flash output of the groups. Press Set Button to confirm.

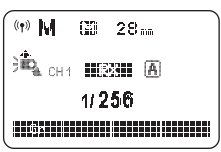


3 **Taking the picture.**

- Each group fires 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.

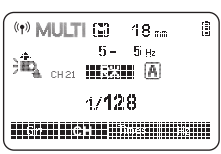


1 **Setting the Receiver unit.**

2 **Setting flash mode to < M >.**

- Press < MODE > button so that < M > is displayed.
- Set the manual flash output. (Page 14)

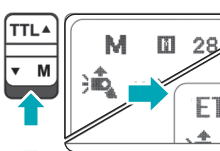
8. Multi: Wireless Flash Shooting with Manual Flash



Setting < MULTI > stroboscopic flash.

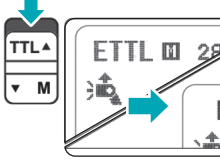
- Press < MODE > button so that < MULTI > is displayed.
- Setting the stroboscopic flash. (Page 15)

9. TTL/M Shortcut Function



1 **In M manual mode.**

- Push the TTL/M shortcut to quickly switch to TTL Mode. TCM information is automatically saved.



2 **In auto mode.**

- Push the TTL/M shortcut to quickly switches to Manual Mode. TCM is automatically invoked.

Other Applications

Sync Triggering

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

Modeling Flash

If the camera has a depth-of-field preview button, pressing it will fire the flash continuously for 1 second. This is called modeling flash. It enables you to see the shadow effects on the subject and the lighting balance. You can fire the modeling flash during wireless or normal flash shooting.

⚠
- To avoid overheating and deteriorating the flash head, do not fire the modeling flash for more than 10 consecutive times. If you fire the modeling flash 10 consecutive times, allow at least 10 minutes' break for the camera flash.
- The modeling flash cannot be fired with the EOS 300 and Type-B cameras.

Auto Focus Assist Beam

In poorly-lit or low-contrast shooting environments, the built-in auto focus assist beam will automatically light on to make it easier for autofocus. The beam will light up only when autofocus is difficult and get out as soon as the autofocus becomes correct.

If you want to turn off the auto focus assist beam, set the "AF" to "OFF" on the C.Fn settings.

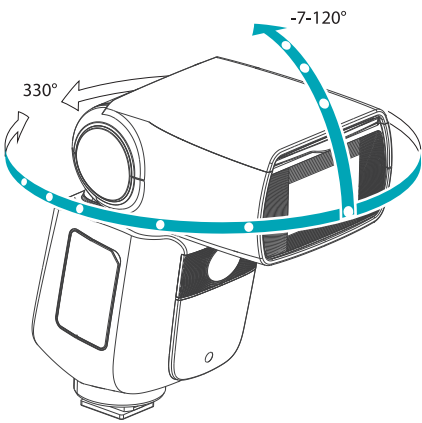
- If you find the auto focus assist beam does not light up, this is because the camera has correct autofocus.

Position	Effective Range
Center	0.6~10m / 2.0~32.8 feet
Periphery	0.6~5m / 2.0~16.4 feet

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 falling behind the subject for a more natural-looking shot. This is called bounce flash.

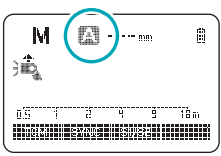
To set the bounce direction, hold the flash head and turn it to a prefered angle.



- 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 is not white, a color cast may appear in the picture.

ZOOM: Setting the Flash Coverage

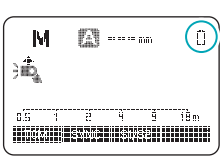
The flash coverage can be set automatically or manually. It can be set to match the lens focal length from 20mm to 200mm.



In Manual Zoom mode, press the < ZOOM > button.

- Turn the Select Dial to change the flash coverage.
- If < A > 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.



Low Battery Warning

If the battery power is low, < > will appear and blink on the LCD panel. Please replace the battery immediately.

C.Fn: Setting Custom Functions

The following table lists the available and unavailable custom functions of this flash.

C.Fn Custom Functions			
Custom Function Signs	**Function**	**Setting No**	**Settings & Description**
m/ft	Distance indicator	m	m
		ft	feet
AF	AF-assist beam	ON	ON
		OFF	OFF
STBY	Auto sleep setting	ON	ON
		OFF	OFF
RX STBY	Receiver auto power off timer	60 min	60 min
		30 min	30min
SCAN	Scan for the best channel	OFF	OFF
		START	Start to find the best channel
CH	Channel setting	01-32	Choose channels from 01-32
ID	Wireless ID	OFF	OFF
		01-99	Choose any figure from 01-99
BEEP	Beeper	ON	ON
		OFF	OFF
LIGHT	Backlighting time	12 sec	Off in 12 sec.
		OFF	Always off
		ON	Always ON
LCD	LCD contrast ratio	-3~+3	7 levels
FEB ACL	FEB auto cancel	ON	ON
		OFF	OFF
TX	Transmitter unit control		OFF
			ON

1. Press **< MENU >** Button until C.Fn menu is displayed. The "Ver x.x" in the top-right corner refers to the software version.
2. Select the Custom Function Number.
   - Turn the Select Dial to select the Custom Function Number.
3. Change the Setting.
   - Press Set Button and the Setting Number. blinks.
   - Turn the Select Dial to set the desired number. Pressing Set Button will confirm the settings.
   - After you set the Custom Function and press **< MENU >** button, the camera will be ready to shoot.
4. In the C.Fn states, long press the "Clear" button for 2 seconds until "OK" is displayed on the panel, which means the values in C.Fn can be reset.

Control with the camera's Menu Screen

If the camera flash is attached to an EOS camera which has a speedlite control function, the flash can be controlled using the camera's menu screen. For the menu operation procedure, refer to your camera's instruction manual.

• Setting Camera Flash Functions

The following flash functions are settable according to different flash modes.

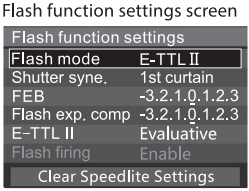
1. Flash mode
2. Shutter sync (1st/2nd curtain, high speed sync)
3. FEB
4. Flash exposure compensation
5. Flash firing
6. Clear camera flash's settings

• Custom Functions of Camera Flash

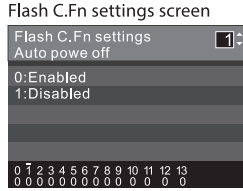
C.Fn-00, C.Fn-01, C.Fn-03, C.Fn-08, C.Fn-10, C.Fn-20, C.Fn-22.

Clear All Flash Custom Functions

Flash function settings screen



Flash C.Fn settings screen



* Screens from the EOS-1D Mark III.

- If flash exposure compensation has already been set with 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 zero.
- If any Flash Custom Functions and flash settings other than flash exposure compensation have been set by both the camera and the flash, the latest settings will take effect.

Protection Function

1. Over-Temperature Protection

- To avoid overheating and deteriorating the flash head, do not fire more than 30 continuous flashes in fast succession at 1/1 full power. After 30 continuous flashes, allow a rest time of at least 10 minutes.
- 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 and make the recycling time over 10 seconds. If this occurs, allow a rest time of about 10 minutes, and the flash unit will then return to normal.
- When the over-temperature protection is started,  is shown on the LCD display.

Number of flashes that will activate over-temperature protection:

Numberof Flashes / ZOOM / Power Output Level	24~28mm	35~50mm	70~80mm	105~200mm
1/1	50	60	70	80
1/2	60	75	100	100
1/4	120	120	150	150
1/8	200	200	200	200
1/16	280	300	300	300
1/32	480	500	500	500
1/64	900	1000	1000	1000
1/128	2000	2000	2000	2000
1/256	2000	2000	2000	2000

Number of flashes that will activate over-temperature protection in high-speed sync triggering mode:

Power Output Level	Number of Flashes
1/1	30
1/2	30
1/4	35
1/8	40
1/16	50
1/32	
1/64	60
1/128	
1/256	

2. Other Protections

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

Prompts on LCD Panel	Meaning
E1	Issue detected with the recycling 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.
E2	The system is too hot. Please allow a rest time of 10 minutes.
E3	The voltage on the flash tube is too high. Please send this product to a maintenance center.
E9	Some errors occurred during the upgrading process. Try again using the correct firmware upgrade method.

Technical Data

Model	Zoom Li-on III R2 TTL SPEEDLIGHT for CANON
Compatible Cameras	Canon EOS cameras
Guide Number (1/1 output)	197 ft / 60 m @100 ISO-200 mm
Power in Watt Seconds	76 WS
Flash Coverage	20 to 200 mm
	• Auto zoom (Flash coverage set automatically to match the lens focal length and image size)
	• Manual zoom
	• Swinging/tilting flash head (bounce flash): 0 to 330° horizontally and -7° to 120° vertically
Flash Duration	1/300 to 1/20000 seconds
• Exposure Control	
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.)
FE lock	With < **FEL** > button or < * > button
Sync mode	High-speed sync (up to 1/8000 seconds), first-curtain sync, and second-curtain sync
Multi flash	Provided (up to 100 times, 199Hz)
• Wireless Flash	
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 R2 or X1 series flash trigger)
Transmission range (approx.)	328ft / 100m
Channels	32 (1~32)
ID	01~99
Modeling flash	Fired with camera's depth-of-field preview button
• Auto Focus Assist Beam	
Effective range (approx.)	Center: 0.6~10 m / 2.0~32.8 feet
	Periphery: 0.6~5 m / 2.0~16.4 feet
• LED Modeling Lamp	
Power	2 W
Color Temperature	5300 K ± 200 K
• Power Supply	
Power source	7.2 V/2600 mAh Li-ion battery
Recycle time	Approx 1.5 seconds. Green LED indicator will light up when the flash is ready.
Full power flashes	Approx. 450
Power saving	Power off automatically after approx. 90 seconds of idle operation. (60 minutes if set as Receiver)
• Sync Triggering Mode	Hotshoe, 2.5 mm sync line
• Dimensions	
W × H × D	7.7 × 3.0 × 2.3 in / 195 × 75 × 59 mm
Weight without battery	14.5 oz / 410 g
Weight with battery	18.7 oz / 530 g
2.4G Wireless Frequency Range	2413.0 MHz - 2464.5 MHz
Max. Transmitting Power of 2.4G Wireless	5 dbm

Troubleshooting

If there is a problem, refer to this Troubleshooting Guide.

The Camera Flash does not fire.

- The camera flash is not attached securely to the camera.
  → Attach the camera's mounting foot securely to the camera.
- The electrical contacts of the Camera Flash and camera are dirty.
  → Clean the contacts.
- <ϟ> or <ϟH> is not displayed in the view finder of camera.
  → Wait until the flash is fully recycled and the flash ready indicator lights up.
  → If the flash ready indicator lights up, but <ϟ> or <ϟH> 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 wait, check whether the battery power is low, <▯> will appear and blink on the LCD panel. Please replace the battery immediately.

The power turns off by itself.

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

Auto zoom does not work.

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

The flash exposure is underexposed or overexposed.

- There was a highly reflective object (e.g. glass window) in the picture.
  → Use FE lock (**FEL**).
- 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.
- You used Manual Flash mode.
  → Set the flash mode to **ETTL** or modify the flash output.

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

- The focal length of lens exceeds the flash coverage.
  → Check the flash coverage you set on the flash Zoom setting. This flash unit has lens coverage between 28 and 200mm.

Firmware Upgrade

- The USB port is a Type-C USB socket. Use a Type-C USB connection cable to perform updates.
- As the firmware upgrade needs the support of Flashpoint F3 software, please download and install the "Flashpoint F3 firmware upgrade software" before upgrading. Then, choose the related firmware file.
- As the product needs to do firmware upgrade, please refer to instruction manual of the newest electric version as final.

Compatible Camera Models

This flash unit can be used on the following **Canon EOS series camera models:**

1DX	5D Mark III	5D Mark II	6D	7D	60D	50D	40D	30D
650D	600D	550D	500D	450D	400D Digital	1100D	1000D	
5D Mark IV	7D Mark II	6D Mark II	760D	750D	70D	80D		
800D	77D	M5	M3	M50	EOS R	1500D	3000D	

This table only lists the tested camera models, not all Canon EOS series cameras. For the compatibility of other camera models, a self-test is recommended.
Rights to modify this table are retained.

Maintenance

- Shut down the device immediately should abnormal operation be detected.
- Avoid sudden impacts and the product should be cleaned regularly.
- It is normal for the flash tube to be warm when in use. Avoid continuous flashes if unnecessary.
- Maintenance of the flash must be performed by our authorized maintenance department which can provide original parts.
- This product, except consumables e.g. flash tube, is supported with a one-year warranty.
- Unauthorized service will void the warranty.
- If the product fails to operate or was exposed to water, do not use it until it is repaired by professionals.
- Changes made to the specifications or designs may not be reflected in this version of the manual.

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

***RF warning:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

IC statement:

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with Industry Canada radiation exposure limits set forth for an uncontrolled environment.

Cet équipement est conforme à l'exposition aux rayonnements Industry Canada limites établies pour un environnement non contrôlé.

One Year Flashpoint Limited Warranty

Flashpoint warrants to the original purchaser that your Flashpoint Zoom Li-on III be free from defects in material and workmanship for the period of one (1) year from the date of purchase (or delivery as may be required in certain jurisdictions), or thirty (30) days after replacement, whichever comes later.

Flashpoint's entire liability and your exclusive remedy for any breach of warranty shall be, at Flashpoint's option, to repair or replace the hardware, provided that the hardware is returned to the point of purchase or such other place as Flashpoint may direct with a copy of the sales receipt or dated itemized receipt. Flashpoint may, at its option, replace your product, offer to provide a functionally equivalent product, or repair any product with new, refurbished or used parts as long as such parts are in compliance with the product's technical specifications. Any replacement hardware product will be warranted for the remainder of the original warranty period or thirty (30) days, whichever is longer, or for any additional period of time that may be applicable in your jurisdiction. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover problems or damage resulting from accident, abuse, misapplication, or any unauthorized repair, modification or disassembly, improper operation or maintenance, normal wear and tear, or usage not in accordance with product instructions or connection to improper voltage supply, use of consumables, such as replacement batteries, not supplied by Flashpoint, except where such restriction is prohibited by applicable law.

Except where prohibited by applicable law, this warranty is nontransferable and is limited to the original purchaser and the country in which the product was purchased. This warranty gives you specific legal rights, and you may also have other rights, including a longer warranty duration that may vary under local laws.

To start a warranty claim contact the Flashpoint Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Flashpoint, along with the RMA number and proof of purchase.

Question about our product line? Need Product Support?

We are proud of our products and celebrate our customers.
We are with you, from product selection to everyday use.
Be secure with your purchase and reach us as you need.

212-647-9300

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You can always contact us at BRANDS@ADORAMA.COM for personal technical support. Our website contains a wide range of Support and FAQ pages with valuable technical assistance.

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