

# FLASHPOINT



FPLFSMZLIII

**ZOOM LI-ON III  
SPEEDLIGHT** R2

NON-TTL **FLASH KIT**

# Thank You for Choosing Flashpoint!

The new Flashpoint Zoom Li-on III R2 Manual Speedlight with Integrated R2 Radio Transceiver is the fully compatible on-camera speedlight for all camera systems. This advanced version delivers improved wireless abilities and a more refined and enhanced flash spread. The Zoom Li-on III shares the same ingenious internal interchangeable 7.2V/2600mAh Lithium-Ion battery as the Zoom Li-on X series of speedlights, 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 Manual the natural choice of pro or amateur photographer.

Beneath the new Flashpoint Zoom Li-On III R2 Manual 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.

## 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 Manual power control with the Flashpoint R2 System built-in.
- Complete compatibility with High Speed Sync.
- R2 communication as a Transmitter or Receiver.
- Control of 4 different wireless groups.
- Receiver Mode operates on 5 Groups.
- 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.
- Regular and Intelligent Optical Receiver Modes.
- 330-degree rotation and 120-degree tilt Head.
- Perfect for on and off camera use.

# Safety Instructions

- Always keep this product dry. Do not use it in the rain or in damp conditions.
- This product contains high-voltage electronic parts. Touching the high-voltage circuit inside it may result in electric shock. Do not disassemble. Should repairs become necessary, this product must be sent to an authorized maintenance center.
- Stop using this product if it breaks open due to impact or force. Electric shock may occur if you touch the internal parts.
- Do not use the flash unit in the presence of flammable gases, chemicals, and ignitable materials. These materials may be sensitive to the strong light or electromagnetic interference emitted from this flash unit in certain circumstances.
- Do not leave or store the flash unit if the ambient temperature reaches over 120°F/50°C (e.g., in a sun-bathed automobile). Electronic parts may be permanently damaged.
- Do not insert metal parts into any lighting equipment.
- Do not touch the electrical contacts on the strobe or battery or contact them with any conductive materials.
- Do not fire the flash directly into the eyes, especially those of babies, within short distances. Visual impairment may occur. Keep the flash unit at least 3.3 feet (1 meter) away from them when taking pictures of babies. Using bounce flash to reduce light intensity is also recommended.
- This strobe has an over-heat protection circuit; rapid continuous firing will cause the strobe to slow operation and trigger a "cool down" period. After this period, the strobe will resume regular operation. You may also reset the strobe by cycling the power off and then on again.
- In case of abnormal function, sparks, excessive heat, flames, or smoke, immediately power off the unit and disconnect the battery, if safely possible. Have it checked by an authorized technician.

## 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 prevent.

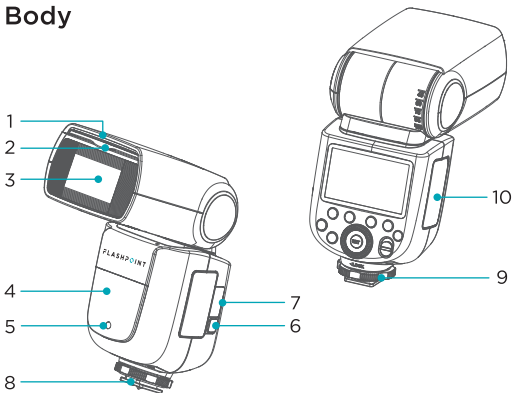


# Contents

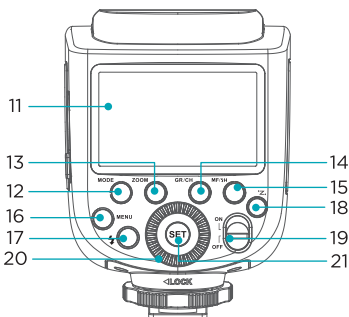
- 1 Foreword
- 2 Safety Instructions
- 5 Name of Parts
- 5 Body
- 5 Control Panel
- 6 LCD Panel
- 6 What's in the Box
- 6 Separately Sold Accessories
- 7 Battery
- 8 Attaching to a Camera
- 8 Using the Flash
- 8 Power Management
- 8 Flash Output
- 8 ZOOM: Setting the Flash Coverage
- 9 M Mode: Manual Mode
- 9 Multi Mode: Stroboscopic Flash
- 10 S1 Mode
- 10 S2 Mode
- 11  Hi-Speed Sync HSS Triggering
- 11 Custom Function: Focus Assist Lamp
- 12 Audio Tone Function
- 12 Wireless Flash Shooting: R2 Radio (2.4G) Transmission
- 12 Sync Triggering
- 13 Custom Function: Sleep Function
- 14 Custom Functions
- 15 Protection Function
- 16 Advanced Application
- 18 Technical Data
- 19 Maintenance
- 20 FCC Warning
- 21 One Year Flashpoint Limited Warranty

# Name of Parts

## Body



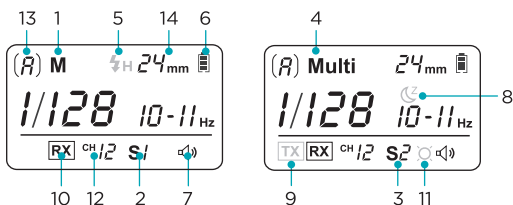
- |                                    |                           |
|------------------------------------|---------------------------|
| 1. Catchlight Panel                | 6. Battery Release Button |
| 2. Built-In Wide Panel (Retracted) | 7. Sync Cord Jack         |
| 3. Flash Head                      | 8. Hotshoe                |
| 4. Optic Control Sensor            | 9. Lock Ring              |
| 5. Focus Assist Beam               | 10. Battery Compartment   |



## Control Panel

11. Display
12. MODE Flash Mode Selection
13. ZOOM Zoom Setting
14. GR/CH Group/Channel Setting (long press)
15. **MF/SH** Focus Assist Beam/High-speed Sync (long press)
16. MENU Flash Menu
17. Test Button/Flash Ready Indicator
18. **↔** Wireless Setting Button
19. ON/OFF Power Switch
20. Select Dial
21. SET Set Button

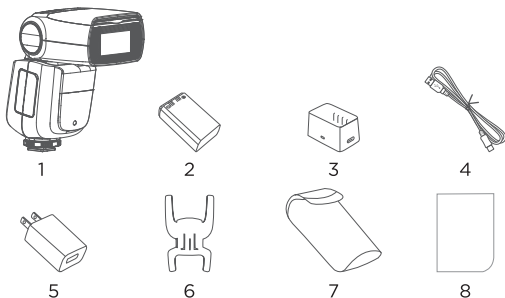
## LCD Panel



19. < M > Manual Flash Mode
20. < S1 > S1 Slave Flash Triggering
21. < S2 > S2 Slave Flash Triggering
22. < Multi > Multi/Stroboscopic Flash Mode
23. < H > High Speed Sync Triggering
24. < B > Battery Level Indication
25. < B > Sound Beep Indication
26. < Z > Sleep Status
27. TX Transmitter Mode
28. RX Receiver Mode
29. < F > Focus Assist Beam Indicator
30. Channel
31. Group
32. Zoom focal length

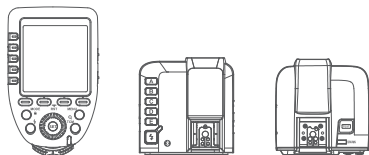
## What's in the Box

1. Flash Unit
2. Li-ion Battery Pack
3. Battery Charger
4. USB Charger Cable
5. USB Power Adapter
6. Mini Stand
7. Protection Case
8. Instruction Manual



## Separately Sold Accessories

The product can be used in combination with the following accessories sold separately, for the best wireless remote control: Flashpoint R2Pro, R2T MarkII, R2Pro MarkII Series triggers, as well as many modifiers available at [adorama.com](http://adorama.com)



# Battery

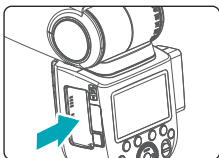
## Features

1. The Flashpoint Zoom Li-on III uses a Lithium-Ion polymer battery with a long life cycle. The approximate.
2. The battery is reliable and safe. Internal circuits protect against shorts and voltage irregularities.
3. The cells require only 2.5 hours to fully charge the battery using the standard battery charger.

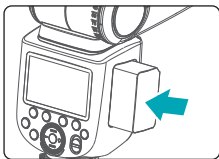
## Cautions

1. Do not short circuit.
2. Do not expose to rain or immerse into water. This battery is not water proof.
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.
9. Do not store a depleted battery for long periods. Charge the battery to approx. 60% before storing.
10. We recommend a brand-new battery after charging and discharging over 500 times or service over 3 years.

## Loading and Unloading the Battery



- 1 To unload the battery, hold down the Battery Release button and push the battery to the right. Slide the cell out of the channel.



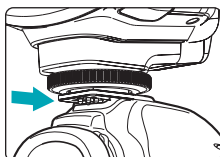
- 2 To load a battery, align printed side forward, making sure that the arrow and the contacts are facing left. Slide the cell firmly into the compartment. A white latch locks the battery with a “click”.

## Battery Level Indication

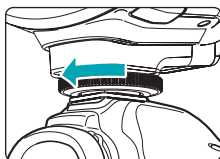
Make sure the battery pack is securely loaded in the flash. Check the battery level indication on the LCD panel to see the remaining battery level.

Battery Level Indication	Meaning
3 grids	Full
2 grids	Middle
1 grid	Low
Blank grid	Weak battery, recharge immediately.
Blinking	The battery is depleted. The flash will automatically power off in 1 minute. <b>Note:</b> Please recharge the battery as soon as possible (within 10 days).

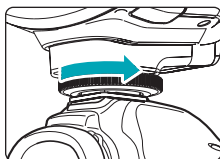
## Attaching to a Camera



- 1 Attach the Camera Flash.**
  - Rotate the hotshoe lock ring buckle to the left and insert the camera flash into the camera's hotshoe.



- 2 Secure the Camera Flash.**
  - Rotate the hotshoe lock ring buckle to the right until it locks up is tight.



- 3 Detach the Camera Flash.**
  - Press the button and rotate the hotshoe lock ring buckle to the left until it is loosened and slide the flash out of the hotshoe.

## Using the Flash

### 1. Power Management

Use the ON/OFF Power Switch to power the flash unit. Turn off if it will not be used for an extended period of time. This flash unit has a Sleep Function and will enter into sleep status when there is no activity for an extended period of time. See the Custom Function section for operation details.

### 2. Flash Output

- Flash output can be varied from 1/128th power to 1/1 full power in 1/3 stop increments. To obtain a correct flash exposure, use a hand-held flash meter to determine the required flash output.
- Adjust the power output by rotating Select Dial. The following table makes it easier to understand the changes in power are displayed on the LCD:

Figures displayed when reducing flash output level ➡

1/1	1/1-0.3	1/1-0.7	1/2	1/2-0.3	1/2-0.7	1/4	.....	OF
	1/2+0.7	1/2+0.3		1/4+0.7	1/4+0.3		.....	

⬅ Figures displayed when increasing flash output level

**⚠** When "OF" is shown on the LCD display, it means no flash output and flash firing is turned off.

### 3. ZOOM: Setting the Flash Coverage

The flash coverage can be set to match the lens focal length from 20 mm to 200 mm. Press **< ZOOM >** button and rotate Select Dial **< ⦿ >** to change the flash coverage.

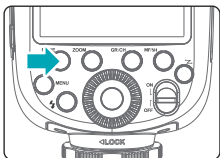
**⚠** When setting the ZOOM flash coverage manually, prevent darkness in the periphery of the image by covering the focal length of the lens.

## 4. M Mode: Manual Mode

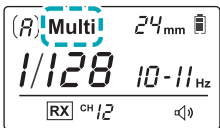
Press MODE Selection Button < **MODE** > to enter the Manual M mode. In this mode, you can set the flash on the camera or remotely with a trigger. Before shooting, adjust the flash power output. When the camera's shutter is pressed, the flash will fire in synchronisation. Receive triggering mode is not available in M mode.

## 5. Multi Mode: Stroboscopic Flash

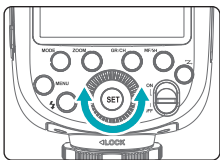
Press Mode Selection Button < **MODE** > to enter the Multi mode (Stroboscopic flash). With stroboscopic flash, a rapid series of flashes are fired. MULTI can be used to capture multiple images of a moving subject in a single photograph. You can set the firing frequency (number of flashes per sec. expressed as Hz), the number of flashes, and the flash output. For setting procedures, see the following:



**1** Press the Mode Selection Button < **MODE** > so that "Multi" is displayed.



**2** Press Set Button < **SET** > to select the item to be set. The selection blinks.



**3** Rotate Select Dial <  > to set a desired number.

## Calculating the Shutter Speed

During stroboscopic flash, the shutter must remain open until the firing stops. Use the provided formula to calculate the shutter speed required to capture the full sequence of flashes:

**Number of flashes / Firing 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 sec.

### Note:

- Stroboscopic flash is most effective with a highly reflective subject against a dark background.
- Using a tripod and a remote switch is recommended.
- A flash output of 1/1 or 1/2 cannot be set for stroboscopic flash.
- Stroboscopic flash can be used with "**BULB**".

## Maximum Stroboscopic Flashes:

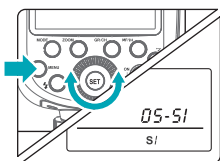
Flash Output \ Hz	1	2	3	4	5	6-7	8-9
1/4	7	6	5	4	4	3	3
1/8	14	14	12	10	8	6	5
1/16	30	30	30	20	20	20	10
1/32	60	60	60	50	50	40	30
1/64	90	90	90	80	80	70	60
1/128	100	100	100	100	100	90	80

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



To avoid overheating and deteriorating the flash head during stroboscopic flash, do not use stroboscopic flash more than 10 times in succession.

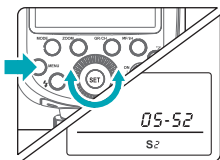
## 6. S1 Mode: S1 Receive Triggering Mode



- Press the **< MENU >** button for 2 seconds to enter the custom menu and press **< SET >** Button to choose OS. Then, turn the Select Dial to choose OFF/S1/S2.

- In S1 mode, the flash unit can function as a remote Receive flash for creating multiple lighting effects. It is respectively applicable to manual flash environment.
- In S1 mode, the flash unit will fire synchronously when the source trigger flash fires, the same effect as a remote radio triggering from a R2 device, without setting commands.

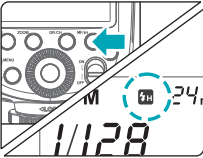
## 7. S2 Mode: S2 Receive Triggering Mode








- Press the **< MENU >** button for 2 seconds to enter the custom menu and press **< SET >** Button to choose OS. Then, turn the Select Dial to choose OFF/S1/S2.

- In S2 mode, the flash unit can function as a remote Receive flash for creating multiple lighting effects. It is applicable when using a TTL source trigger flash.
- In S2 mode, the flash unit will ignore a single "preflash" from the source trigger flash and will only fire in response to the second, actual flash from the source trigger.

## 8. Hi-Speed Sync HSS Triggering



- To enter  mode, long press  button and hold for 2 seconds.
- To exit  mode, press Mode Selection Button or long press  button and hold for 2 seconds again.

- In  HSS triggering mode, you can use a HSS remote trigger to have your flash unit synchronized with all shutter speeds (max. 1/8000 second, depending on the maximum shutter speed of the camera). This is convenient when you want to use aperture priority for fill-flash portraits.

### Note:

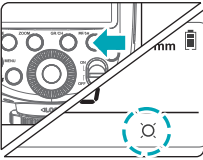
\*HSS triggering mode is effective only when the flash unit is used together with the following flash triggers from Flashpoint: R2 Pro Mark II, R2 Pro, and the R2 Mark II.


\*HSS triggering mode is not available when the Zoom Li-on III is mounted onto the camera.






To avoid overheating or deteriorating the flash head during high speed sync flash, the over-temperature protection function will be activated automatically after 10 continuous high-speed flashes and the recycle time becomes 10 seconds longer.

## 9. Custom Function: Focus Assist Lamp



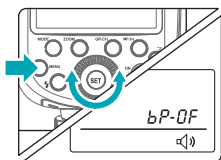
- Under poorly-lit or low-contrast conditions, press the  button to turn on the focus assist beam in order to make it easier to autofocus.
- The beam will automatically project and turn off after the flash fires. The focus assist beam automatically operates as long as the FC symbol is displayed. The time is user adjustable and set to 10 seconds by default.

- Press  button to enter Custom Function. press "SET" button to enter "FC" mode. The LCD panel displays "FC" (Auto shutdown of focus assist lamp) and "No-Flash Time". Rotate Select Dial  to set a desired time for the flash. Press  button to return.

No-Flash Time	Meaning
10 seconds	10 seconds after the last shot, focus assist lamp will automatically turn off.
20 seconds	20 seconds after the last shot, focus assist lamp will automatically turn off.
30 seconds	30 seconds after the shot, focus assist lamp will automatically turn off.



## 10. Audio Tone Function



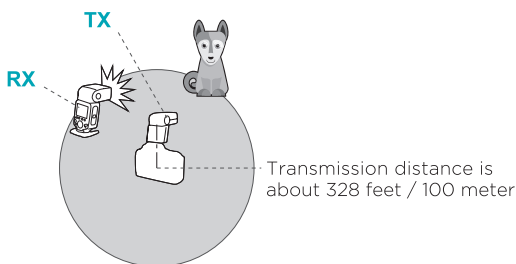
The Zoom Li-on III has an option to signal completed recycling with an audible beep tone.

- To turn the tone function on or off, press the **< MENU >** button to enter Custom Function.

- Then press “SET” button to enter “bp” mode. The LCD displays “ON” means the audio tone is turned on while “OF” means the tone is turned off.
- When the audio signal is turned on, **< 🔊 >** is shown on the LCD display.

## 11. Wireless Flash Shooting: R2 Radio (2.4G) Transmission

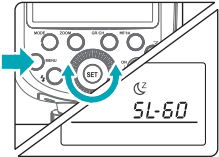
- The world famous R2 2.4GHz wireless radio remote system transceiver is built in!
- **Wireless mode setting:** Press the **< Z >** wireless setting button to set TX or RX mode.
- **Channel setting:** Long press **< GR/CH >** button and hold for 2 seconds until the figure besides the CH is blinking. Turn the Select Dial to choose the channel from 1-32.
- **Group setting:** Short press **< GR/CH >** button to select group. In TX or RX mode, groups can be selected from A/B/C/D/E.
- **ID Setting:** Press the **< MENU >** button to enter the menu. Then, press SET button to choose ID and turn the select dial to select ID from OF, 01 to 99.
- All Flashpoint R2 devices are compatible with the Zoom Li-on III and will communicate transmission and receptions of flash commands. This includes XPLOrS, eVOLVrS, Rapid, Blaz, and Studio monolights, plus Zoom Li-ons and Zoom speedlights.
- See the picture below:




## 12. Sync Triggering


The Sync Cord Jack is a  $\Phi 2.5\text{mm}$  plug. Insert a trigger plug here and the flash will be fired in synchronization with the camera shutter.

### 13. Custom Function: Sleep Function



- This product is equipped with Sleep Function to avoid battery drain when the flash unit is idle.
- Press the < MENU > button to enter the sleep Function Mode. Press SET button to enter "SL" adjustment. The LCD panel displays "SL" (Sleep) and "Sleeping Time". Idle time before entering Sleep Mode is 10 minutes by default. Rotate Select Dial <  > to set a desired time for the flash or to turn off Sleep Function. Press < MENU > button to return.

Idle Time	Meaning
OF	Sleep Function is turned off. The flash unit will not automatically enter sleep mode.
3	Idle time before entering Sleep Mode is set to 3 minutes.
10	Idle time before entering Sleep Mode is set to 10 minutes.
30	Idle time before entering Sleep Mode is set to 30 minutes.
60	Idle time before entering Sleep Mode is set to 60 minutes.

- When the flash enters sleep mode, the LCD panel displays a "  " icon.
- To wake up the flash unit, press any button on the flash unit, or press the camera release button, or press the trigger TEST button.

**Note:**

The idle time before entering Sleep Mode is recommended to set short. This can ensure a longer battery life.


## 14. Custom Functions

Custom Function Signs	Function	Settings & Description	Operation
<b>SL</b>	Sleep Time Setting	Settable Time: <3>: 3 minutes <10>: 10 minutes <30>: 30 minutes <60>: 60 minutes <OF>: OFF	<ol style="list-style-type: none"> <li>1. Press &lt;MENU&gt; button to enter Custom Functions.</li> <li>2. Turn the Select Dial &lt;⦿&gt; to adjust sleeping time.</li> <li>3. Press &lt;MENU&gt; button to return.</li> </ol> <p>*Press any button can wake up the flash. *The idle time before entering Sleep Mode is recommended to set short. This can ensure a longer battery life.</p>
<b>FC</b>	Auto Power OFF Time Setting of Auto Focus Assist	<10>: 10 seconds <20>: 20 seconds <30>: 30 seconds	<ol style="list-style-type: none"> <li>1. Press &lt;MENU&gt; button to enter Custom Functions.</li> <li>2. Press &lt;SET&gt; button to enter FC states.</li> <li>3. Turn the Select Dial &lt;⦿&gt; to adjust.</li> <li>4. Press &lt;MENU&gt; button to return.</li> </ol>
<b>BP</b>	Audio Tone Setting	<ON>: On <OF>: Off	<ol style="list-style-type: none"> <li>1. Press &lt;MENU&gt; button to enter Custom Functions.</li> <li>2. Press &lt;SET&gt; button to enter bp states.</li> <li>3. Turn the Select Dial &lt;⦿&gt; to adjust.</li> <li>4. Press &lt;MENU&gt; button to return.</li> </ol>
<b>BL</b>	Backlight Setting	Backlight can be set as follows: <ON>: Always lighting <12>: Off in 12 sec. <OF>: Off	<ol style="list-style-type: none"> <li>1. Press &lt;MENU&gt; button to enter Custom Functions.</li> <li>2. Press &lt;SET&gt; button to enter bL states.</li> <li>3. Turn the Select Dial &lt;⦿&gt; to adjust.</li> <li>4. Press &lt;MENU&gt; button to return.</li> </ol>
<b>OS</b>	Optic Receiver Mode	<OF>: Off <S1>: S1 mode senses first source flash <S2>: S2 mode senses second source flash	<ol style="list-style-type: none"> <li>1. Press &lt;MENU&gt; button to enter Custom Functions.</li> <li>2. Press &lt;SET&gt; button to enter OS states.</li> <li>3. Turn the Select Dial &lt;⦿&gt; to adjust.</li> <li>4. Press &lt;MENU&gt; button to return.</li> </ol>
<b>ID</b>	ID Setting	<OF>: Off <01-99>: 01-99	<ol style="list-style-type: none"> <li>1. Press &lt;MENU&gt; button to enter Custom Functions.</li> <li>2. Press &lt;SET&gt; button to enter id states.</li> <li>3. Turn the Select Dial &lt;⦿&gt; to adjust.</li> <li>4. Press &lt;MENU&gt; button to return.</li> </ol>

- **Display all functions:** press and hold down MENU and MODE button, then, turn the flash on to check the display.
- **Software version checking:** press and hold down SET button, then, turn the flash on to check the number of version.

# Protection Function

## 1. Overheat 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 overheat protection:**

Number of Flashes Power Output Level	ZOOM (mm)	20-200
1/1		35
1/2		50
1/4		100
1/8		200
1/16		300
1/32		500
1/64		1000
1/128		2000

**Number of flashes that will activate overheat protection in high-speed sync triggering mode:**

Number of Flashes Power Output Level	ZOOM (mm)	20-200
1/1		30
1/2		30
1/4		34
1/8		40
1/16		50
1/32		50
1/64		60
1/128		60

## 2. Other Protections

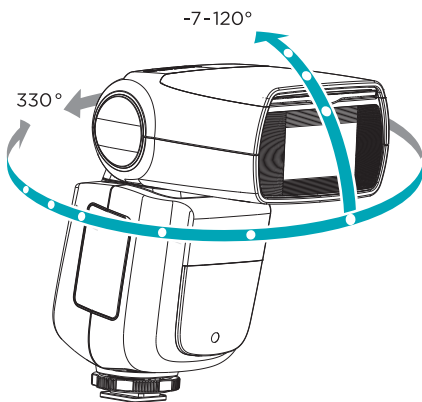
The system provides real-time protection to secure the device and your safety. The following lists prompts for your reference:

Prompts on LCD Panel	Meaning
E1	A failure occurs on 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	There are errors that occurred during the upgrading process. Try again using the correct firmware upgrade method.

# Advanced Application

## Bounce Flash

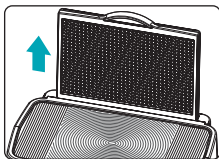
By pointing the flash head toward a wall or ceiling, the flash will bounce off the surface before illuminating the subject. This can soften shadows behind the subject for a more natural-looking shot. This is called bounce flash. To set the bounce direction, hold the flash head and turn it to a satisfying 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.

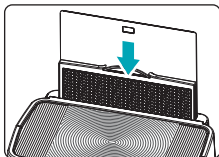
## Creating a Catchlight

With the catchlight panel, you can create a catchlight in the subject's eyes to add life to the facial expression.



**1** Point the flash head upward by 90°.

**2** Pull out the wide panel. The catchlight panel will come out at the same time.



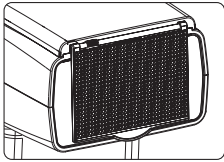
**3** Push the wide panel back in.

- Push in only the wide panel.
- Follow the same procedures as for bounce flash.

- ⚠ • Point the flash head straight ahead and then upward by 90°. The catchlight will not appear if you swing the flash head left or right.
- For best catchlight effect, stay 1.5m/4.9ft away from the subject.

## Using the Wide Panel

Pull out the built-in wide panel to enlarge the flash lighting range, to get more softened and natural lighting effect.



Pull out the wide panel and place it over the flash head as shown.

The flash coverage will then be extended to 14 mm.

- The catchlight panel will come out at the same time. Push the catchlight panel back in the upper slot.

### 1. Wireless base station, 2.4G wifi router, Bluetooth, etc.

- Adjust the channel CH setting on the flash trigger (add 10+ channels) and use the channel which is not turn off the other 2.4G equipment.

### 2. Make sure that the flash has recycle or caught up with the continuous shooting speed (the flash ready indicator is lighten) and the flash is not under the state of over-heat protection or other abnormal situation.

- The flash power output.

### 3. The distance between the flash trigger and the flash is too close or not.

- Turn on the “close distance wireless mode” on the flash trigger:

R2 series: Press the test button and hold on, then turning it on until the flash ready indicator blinks for 2 times.

R2 Pro series: Set the C.Fn-DIST to 0-30m.

### 4. The flash trigger and the receiver end equipment are in the low battery states.

- Replace the battery use 1.5V disposable alkaline battery.

# Technical Data

Model	Flashpoint Zoom Li-on III
Power (1/1 output)	76ws
Guide No. (1/1 output, 200mm)	GN 197ft / 60m @ISO 100 (200mm)
Flash Coverage	20 to 200mm (Full Frame Format)
	• 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
• 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 Flashpoint R2 series flash triggers)
Transmission range (approx.)	328ft / 100m
Channels	32 (1-32)
ID	01-99
• Power Supply	
Power source	7.2V / 2600mAh 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. 3, 10, 30 or 60 minutes of idle operation.
• Sync Triggering Mode	Hotshoe, 2.5 mm sync line
• Dimensions	
W x H x D	7.8 x 2.8 x 2.4 in / 199 x 71.5 x 60 mm
Weight without battery	13.75 oz / 390 g
Weight with battery	17.6 oz / 500 g
2.4G Frequency Range	2413.0 MHz - 2465.0 MHz
Max. Transmitting Power	5 dbm

## Maintenance

- Shut down the device immediately should abnormal operation be detected.
- Avoid sudden impacts and the product should be dedusted 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 accessories.
- This product, except consumables e.g. flash tube, is supported with a one-year warranty.
- Unauthorized service will void the warranty.
- If the product had failures or was wetted, do not use it until it is repaired by professionals.
- Changes made to the specifications or designs may not be reflected in this 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.

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.

## One Year Flashpoint Limited Warranty

Flashpoint warrants to the original purchaser that your Flashpoint Zoom Mini shall 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

 [brands@adorama.com](mailto:brands@adorama.com)

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New York, NY 10011

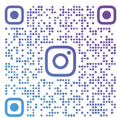
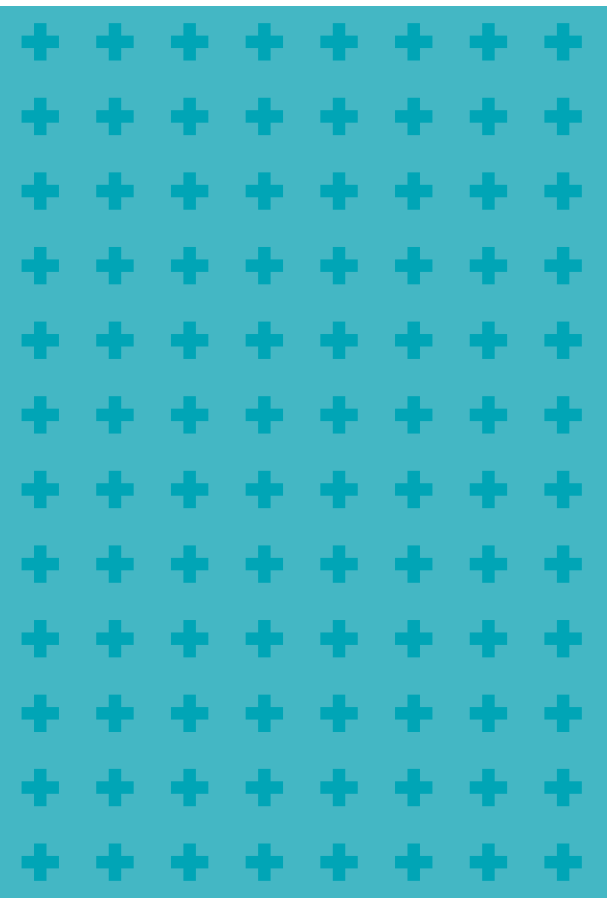
You can always contact us at [BRANDS@ADORAMA.COM](mailto:BRANDS@ADORAMA.COM) for personal technical support.

Our website contains a wide range of Support and FAQ pages with valuable technical assistance.

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