

# FLASHPOINT



FPLFSMZLP III

**ZOOM LI-ON III R2**  
**TTL SPEEDLIGHT**

FLASH KIT FOR PENTAX

# Thank You for Choosing Flashpoint!

The new Flashpoint Zoom Li-on III R2 TTL for Pentax Speedlight with Integrated R2 Radio Transceiver is the fully compatible on-camera speedlight for Pentax 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 480 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 for Pentax the natural choice of pro or amateur photographer.

Beneath the new Flashpoint Zoom Li-On III R2 TTL for Pentax 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).
- Professional 2600mAh Li-Ion Polymer battery for speedy recycle and longer life.
- Full power recycling time of less than 1.5 seconds.
- 480 full power flashes per charge.
- Remote Pentax TTL power control with the Flashpoint R2 System built-in.
- Complete compatibility with Pentax TTL system features like exposure compensation, EXIF inscription, flash value lock, and High Speed Sync.
- Instant TCM: TTL to Manual Quick Switch.
- 10 Level Powerful 2W SMD LED Modeling Lamp.
- Stable color temperature at 5600°±200°K over the entire power range.
- 330-degree rotation and 120-degree tilt Head.
- Complete compatibility with High Speed Sync [HSS].
- R2 communication as a Transmitter or Receiver.
- Transmission control of 4 different wireless groups.
- Receiver Mode operates on 5 Groups.
- Generous Backlit Matrix LCD Panel for visual confirmation of settings.
- Multipurpose Buttons with Digital Marking for Faster Navigation.

- Zooming 20-200mm head with automatic or manual control.
- High Speed Sync for cameras with shutter speeds up to 1/8000 second.
- Front or Rear Curtain Sync for trail and ghost effects.
- Laser AF Assist Lamp for Instant Autofocus Even in Complete Dark on Low Contrast Surfaces.
- Regular and Intelligent Optical Receiver Modes.
- Lever Lock Hot Shoe Foot Clamp.
- 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 indicates a warning to prevent shooting issues.



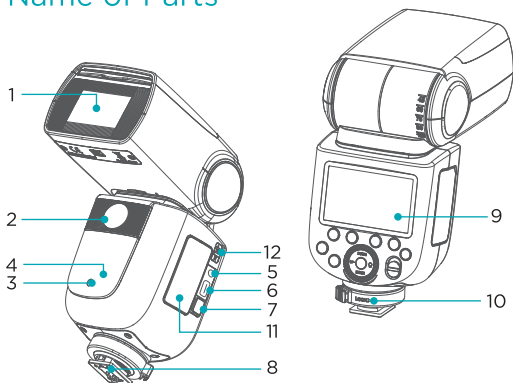
The Note symbol gives supplemental information.



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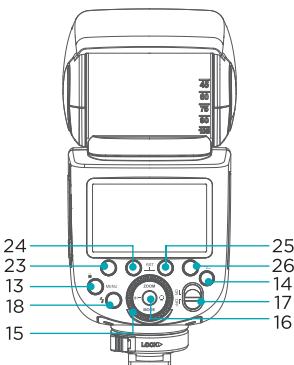
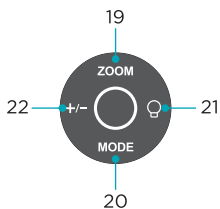
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## Name of Parts



### Body

- |                             |                              |
|-----------------------------|------------------------------|
| 1. Flash Head               | 7. Battery Remove Button     |
| 2. LED Modeling Lamp (1-10) | 8. Hotshoe                   |
| 3. Focus Assist Beam        | 9. LCD Panel                 |
| 4. Wireless Sensor          | 10. Hotshoe Fixing Buckle    |
| 5. Sync Cord Jack           | 11. Lithium Battery          |
| 6. Type-C USB Port          | 12. TTL/M Instant TCM Switch |



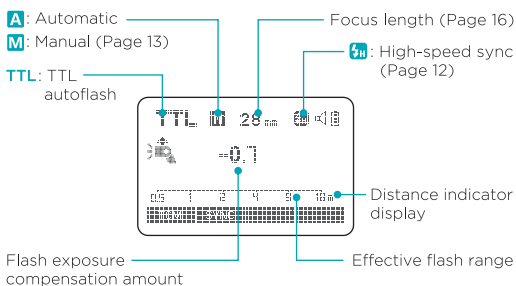
### Control Panel

13. **< MENU >** Flash Menu Button / Locking Button
14. **< Z >** Wireless Selection Button
15. Select Dial
16. Set Button
17. ON/OFF Power Switch
18. **< ⚡ >** Test Button / Flash Ready Indicator
19. **< ZOOM >** Focus 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

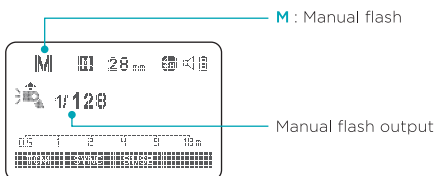
## (1) TTL Autoflash

Zoom : zoom mode (Page 26)

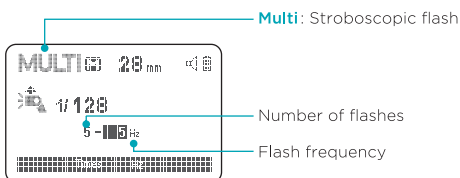


- The display will only show the settings currently applied.
- The functions displayed above function buttons 1 to 4, such as **SYNC** and **< M/A/B/C >**, change according to settings' status.
- When a button or dial is operated, the LCD panel illuminates.

## (2) M Manual Flash



## (3) Multi Flash



# (4) Radio Transmission Shooting

- Transmitter Unit (TX)

Flash mode

: Radio transmission wireless shooting

The LCD panel for the Transmitter Unit (TX) displays the following information: Top row shows a radio transmission icon, a flash mode icon, 28 mm, and a battery level icon. The second row shows a camera icon, a menu icon, M 1/128, and a TTL 0.0. The third row shows a camera icon, a menu icon, M 1/128+0.5, and a TTL 0.0. The bottom row shows a firing group icon, a menu icon, and a channel icon. The firing group icon is labeled 'Firing group' and the channel icon is labeled 'Channel'. The channel icon is also labeled 'CH 21'.

## Receiver Unit (RX)

: Receiver icon

The LCD panel for the Receiver Unit (RX) displays the following information: Top row shows a radio transmission icon, TTL, 28 mm, and a battery level icon. The second row shows a camera icon, a menu icon, CH 1, and a firing group icon. The bottom row shows a firing group icon, a menu icon, and a channel icon. The firing group icon is labeled 'RX: Receiver'.

## LCD Panel in Three Modes

- Attached to the Camera

The LCD panel for the Transmitter Unit (TX) attached to the camera displays the following information: Top row shows a radio transmission icon, a flash mode icon, 28 mm, and a battery level icon. The second row shows a camera icon, a menu icon, and -0.3. The bottom row shows a firing group icon, a menu icon, and a channel icon. The firing group icon is labeled 'RX: Receiver'.

- R2 2.4G Radio Transmission: As a Transmitter Unit

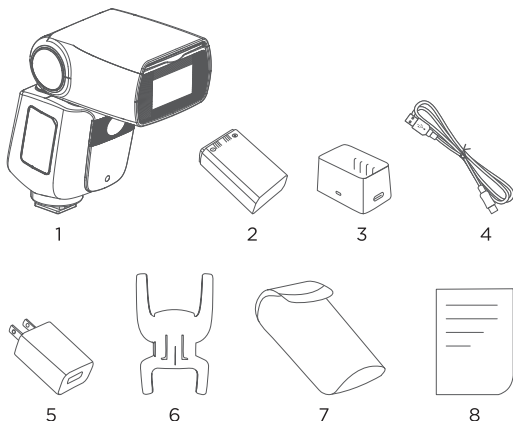
The LCD panel for the Transmitter Unit (TX) in R2 2.4G Radio Transmission mode displays the following information: Top row shows a radio transmission icon, a flash mode icon, 28 mm, and a battery level icon. The second row shows a camera icon, a menu icon, M 1/128, and a TTL 0.0. The third row shows a camera icon, a menu icon, M 1/128+0.5, and a TTL 0.0. The bottom row shows a firing group icon, a menu icon, and a channel icon. The firing group icon is labeled 'RX: Receiver'.

- R2 2.4G Radio Transmission: As a Receiver Unit

The LCD panel for the Receiver Unit (RX) in R2 2.4G Radio Transmission mode displays the following information: Top row shows a radio transmission icon, TTL, 28 mm, and a battery level icon. The second row shows a camera icon, a menu icon, CH 1, and a firing group icon. The bottom row shows a firing group icon, a menu icon, and a channel icon. The firing group icon is labeled 'RX: Receiver'.

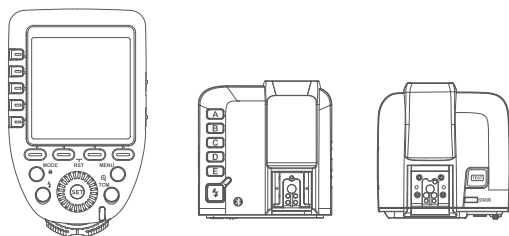
• What's in the Box of the Zoom Li-on III for Pentax?

- |                        |                       |
|------------------------|-----------------------|
| 1. Flash Unit          | 5. Charger            |
| 2. Lithium Battery     | 6. Mini Stand         |
| 3. USB Battery Charger | 7. Protection Case    |
| 4. USB Cord            | 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 R2 Pro P, R2T Mark II P, R2 Pro Mark II P wireless flash triggers.



# Battery

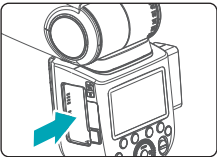
## Features

1. The Flashpoint Zoom Li-on III uses a Lithium-Ion polymer battery with a long life cycle. The approximate charge-and-discharge times are 480.
2. The battery is reliable and safe. Internal circuits protect.
3. The cells require only 3.5 hours to fully charge the battery using the standard battery charger.

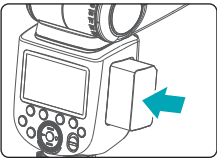
## Cautions

1. Do not short circuit.
2. Do not expose to rain or immerse into water. This battery is not 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. Charge the battery to approx. 60% before.
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 tab locks the battery with a "click".

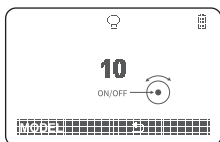
## Battery Level Indication

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.

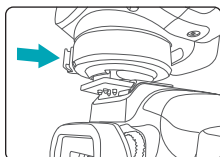
Battery Level Indication	Meaning
3 grids	Full
2 grids	Middle
1 grid	Low
Blank grid	Weak battery. Recharge immediately!
Blinking	The battery is depleted. The flash will automatically power off in 1 minute. <b>Note:</b> Please recharge the battery as soon as possible (within 10 days).

## 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. Turn the select dial to set its brightness. There are 10 levels (01-10).

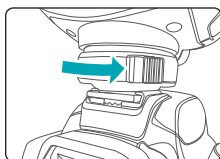


## Attaching to a Camera



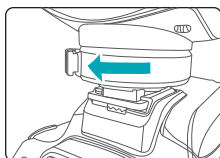
### 1 Attach the Camera Flash.

- 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 clicks into place.



### 3 Detach the Camera Flash.

- Press the button and rotate the hotshoe lock lever to the left until it is loosened and slide the flash out of the hotshoe.

## Power Management

- \* Use the ON/OFF Power Switch to power flash unit. Turn off the flash if it will not be used for an extended period of time. As a Transmitter the flash will turn the power off automatically after approximately 90 seconds. Pressing the camera shutter halfway or any button will wake up the flash unit. As a receiver, the flash will enter sleep mode after 60 minutes by default. See the Custom Function section for operation details. Pressing any button on the flash will wake it up.



**C.Fn**

Disabling Auto Power Off function is recommended when the flash is used off camera. (C.Fn-STBY, Page 22)

**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 22)

# Flash Mode: TTL Autoflash

This flash has three flash modes: **TTL**, Manual (**M**), and **Multi** (Stroboscopic). In **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.

## TTL Mode

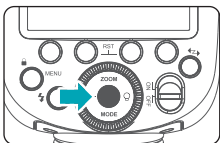
Press **< MODE >** Mode Selection Button to enter **TTL** mode. The LCD panel will display TTL.

- 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.

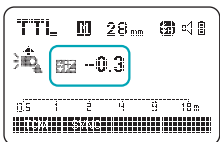
## FEC: Flash Exposure Compensation

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

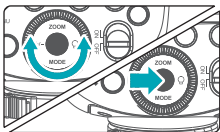
### Setting FEC:



- 1 Press the **< +/- >** button. The 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.
  - Steps range from -3 to 3.
  - To cancel the flash exposure compensation, set the amount to "+0".

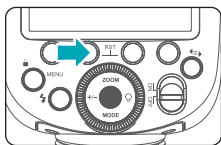




- 3 Press Set Button again to confirm the setting.






## High-Speed Sync

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





**1** Press Function Button 2  so that  displays.

**2** Set the camera shutter.

-  • With high-speed sync, the faster the shutter speed, the shorter the effective flash range.
- To return to normal flash, press  button again. Then  will disappear.
- Multi flash mode cannot be set in high-speed sync mode.
- Over-temperature protection may be activated after 15 consecutive high-speed sync flashes.

## Second-Curtain Sync

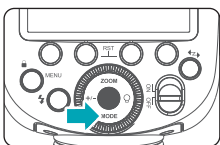
With a slow shutter speed, you can create a light trail following the subject. The flash fires right before the shutter closes.

1. Press and hold the  button until  icon appears, and second-curtain sync is on. The rear-curtain sync is not available in Multi mode and Wireless mode.
2. Set the camera shutter.

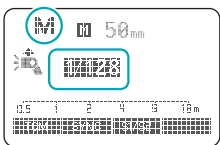
**Note:** The second curtain sync function can only be achieved when the flash is attached on the camera (non transmitter mode).

## M: Manual Flash

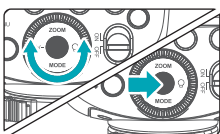
The flash output is adjustable from 1/1 full power to 1/256th power in 1/10th stop increments. To obtain a correct flash exposure, use a hand-held flash meter to determine the required flash output.



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



**2** Turn the **< +/- >** 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 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.

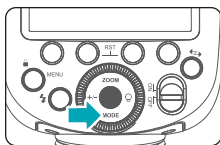


- S1 and S2 optic triggering is only available in M manual flash mode.

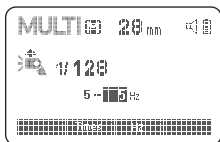
# Multi: Stroboscopic Flash

With stroboscopic flash, a rapid series of flashes is fired. It can be used to capture a 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.

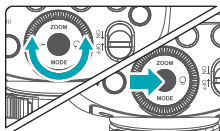


**1** Press **< MODE >** button so that **< MULTI >** is displayed.



**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** Press **< +/- >** to select power, then 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 until the flash sequence 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	90	90	90	90	90	90	80
1/256	90	90	90	90	90	90	80

Flash Output \ Hz	10	20-50	60-100
1/4	2	2	2
1/8	4	4	4
1/16	8	8	8
1/32	20	16	12
1/64	50	30	20
1/128	70	40	40
1/256	70	40	40

## Wireless Flash Shooting: R2 Radio (2.4GHz) Transmission

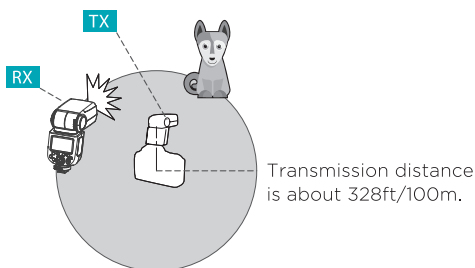
- You can set up five Receiver groups for TTL autoflash shooting. With TTL autoflash, you can easily create various lighting effects.
- Any flash settings for the receiver units (auto flash, manual flash and stroboscopic flash) on the transmitter flash in TTL mode will be automatically sent to the receiver units. The only thing you need to do is to set the transmitter unit for each receiver group R2 wireless radio controls all flash functions from the remote transmitting device.
- This flash can work in **TTL/M/Multi/OFF** flash modes when set as a transmitter unit.



- The Zoom Li-on III attach to the camera is called the Transmitter unit, and a Zoom Li-on III 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 the transmitter R2 Pro Mark II or R2T-P (sold separately). For details on setting the transmitter unit functions, see the transmitter's instructions.

## Positioning and Operation Range (Example of wireless flash shooting)

- Autoflash Shooting with One Receiver Unit

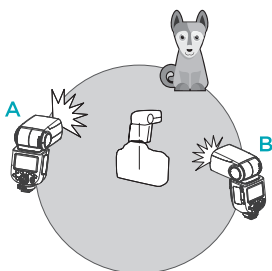


- Use the supplied mini stand to position the Receiver unit.
- Before shooting, perform a test flash and test shooting.
- The transmission distance might be shorter depending on the conditions such as positioning of Receiver units, the surrounding environment and weather conditions.

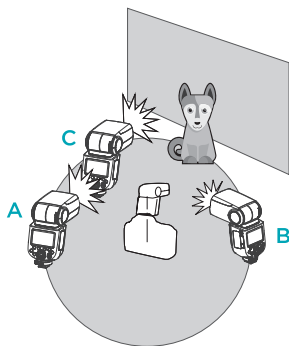
## Wireless Multiple Flash Shooting

You can divide the Receiver units into two or three groups and perform TTL 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 5 groups.

- Auto Shooting with Two Receiver Groups



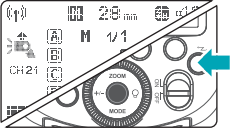
- Auto Shooting with Three Receiver Groups





# 1. Wireless Settings

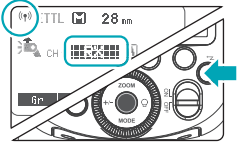
You can switch between normal flash and R2 wireless flash. For normal flash shooting, be sure to set the wireless setting to OFF.

## Transmitter Unit Setting



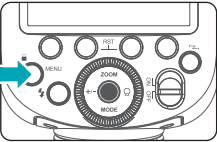
Press <  > button so that <  > is displayed on the LCD panel.

## Receiver Unit Setting

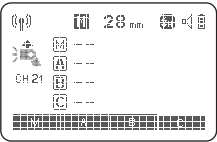


Press <  > button so that <  > or < **RX** > are displayed on the LCD panel.

# 2. Group Mode Selection



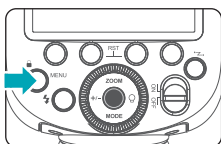
**1** The function button **1/2/3/4** can control the group **M/A/B/C**. Short press function button to select **TTL/M/--**. Choose one of them as the flash mode of the transmitter unit.



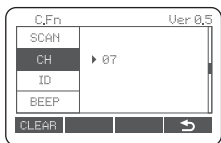
**2** Press < **MODE** > button to switch to Multi mode.

### 3. Setting the Communication Channel

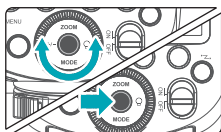
If there are other wireless flash systems nearby, you can change the channel values to prevent signal interference. The channel of the Transmitter unit and the Receiver unit(s) must be set to the same number.



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



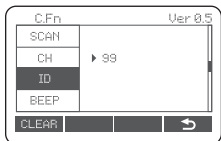
**2** In C.Fn CH, turn the Select Dial to choose a channel number from 1 to 32.



**3** Press the Set Button to confirm.

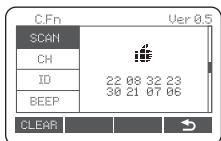
### 4. Wireless ID Settings

Change the wireless channels and wireless ID to avoid interference. The transmitter unit and the Receiver unit must be set to the same value numbers. Press the **< MENU >** flash button to enter **C.Fn ID**. Press the Set Button to choose OFF channel expansion shutdown, and choose any figure from 01 to 99.



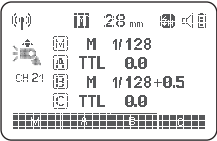
### 5. Scan the Open Channel

To avoid the interference of using the same channel by others, enter the C.Fn settings and find the **SCAN** option. Select to **START**, to scan from 1% to 100%. The 8 strongest channels will be displayed after the scan is completed. Set the Channel number to one of the open options.



# 6. TTL: Fully Automatic Wireless Flash Shooting

## Using Automatic Wireless Flash with a Single Receiver Unit



### 1 Transmitter Unit Setting

- Attach a Zoom Li-on III P flash on the camera and set it as the Transmitter unit.
- M/A/B/C can be set to TTL separately.



### 2 Receiver Unit Setting

- Set the other camera flash as the wireless Receiver Unit. (Page 17)

### 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 17)

### 4 Position the camera and flashes

- Position the camera and flashes as the picture shows. (Page 16)

### 5 Check that the flash is ready

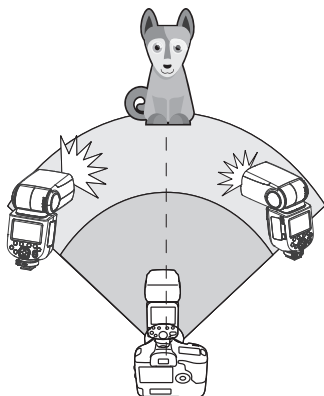
- Check that the Transmitter flash ready indicator is illuminated.

### 6 Check the flash operation

- Press the Transmitter unit's Test Button <⚡>.
- The Receiver unit will fire. If not, adjust the Receiver unit's angle toward the Transmitter unit and distance from 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 unit. 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 is implemented to make all groups of flashes fire the same flash output and ensure the total flash output up is to standard exposure.

- If the Receiver unit's auto power off function is workable, 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 time of Receiver auto power off is selective in flash menu. (C.Fn-RX STBY Page 22)

## Using Fully Automatic Wireless Flash

The FEC and other settings that set on the Transmitter unit will also be appeared on the Receiver unit automatically. The Receiver unit does not need any operation. Use the following settings to make wireless flashes according to the same methods with normal flash shooting.

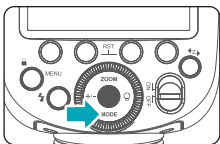
- Flash Exposure Compensation (  Page 11)

## About Transmitter Unit

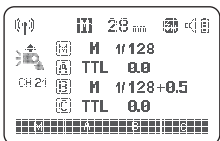
Use two or more Transmitter units. By preparing several cameras that with Transmitter units flash attached, cameras can be changed in shooting while keeping the same lighting source (Receiver unit).

## 7. M: Wireless Flash Shooting with Manual Flash

This describes wireless (multiple shooting) using manual flash. You can shoot with a different flash output setting for each Receiver unit (firing group). Set all parameters on the Transmitter unit.

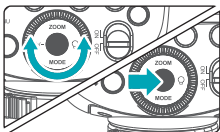


**1** Setting the flash mode to **< M >**.



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

- Press Function Button **1/2/3/4 < M/A/B/C >**, and turn the Select Dial to set the flash output of the groups. Press the 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.

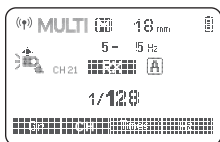


**1** Setting the Receiver unit.

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

- Press **< MODE >** button so that **< M >** is displayed.
- Set the manual flash output. (Page 41)

## 8. Multi: Wireless Flash Shooting with Manual Flash



- 1 Setting < MULTI > stroboscopic flash.
  - Press < MODE > button so that < MULTI > is displayed.
  - Setting the stroboscopic flash. (Page 14)

## 9. TTL/M Shortcut Function

### TCM: Preserving TTL Automation in Manual Settings

Select "TCM" for the 2 Way TTL to Manual settings and back again. TCM fusion overcomes the exposure fluctuations that may occur in TTL shooting by saving the successful exposure value to Manual settings for repeat capture accuracy.

1. In non TTL Wireless mode, the TCM TTL/M shortcut soft button to change between TTL and equivalent manual settings. The TTL setting is retained in memory.
2. TCM is a feature that operates in the single on-camera TTL mode. TCM is not available when the flash is set to act as a wireless R2 transmitter.

## 10. Lock Functions

Long press the MENU button for 2 seconds can lock or unlock the operations on the interface. The LCD panel will display "LOCKED" when locked.

## ⚠ Troubleshooting Wireless R2 2.4GHz communication problems

- 1. Interference from other 2.4GHz device signals (e.g. 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 in conflict or turn off the other 2.4G devices that are causing the issue.
- 2. Make sure that whether the flash has finished its recycle or caught up with the continuous shooting speed the flash is not under the state of over-heat protection.**
  - Lower the flash power output. If the flash is in TTL mode, please try to change it to M mode (a preflash is needed in TTL mode), which can place additional demands on the recycle time of the flash.
- 3. The distance between the flash trigger and the flash is too close (<1.6ft/0.5m).**
  - 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 in the flash trigger, only with 1.5V disposable Alkaline cells.

## More Features

### 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 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 preview the lighting effects on the subject and the lighting balance. You can use the modeling flash during wireless or normal flash shooting.

**Note:** 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.

### Auto Focus Assist Beam

In poorly-lit or low-contrast shooting environments, the built-in auto focus assist beam will automatically turn on to aid autofocusing. The beam will light up only when autofocus is difficult and turn off as soon as autofocus is successful.

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



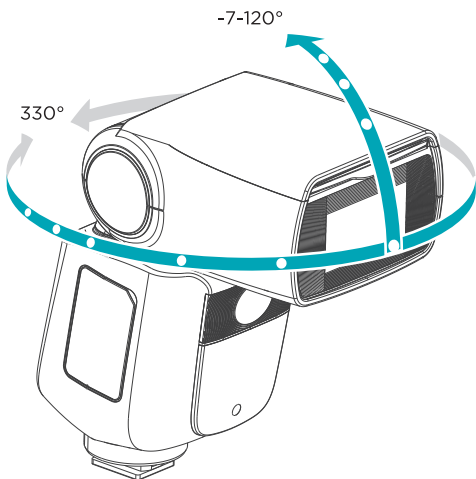
- If you find the auto focus assist beam does not light up, this is because the camera has got a correct autofocus.
- Pentax Camera models that support auto focus assist beam:  $\alpha 7\text{M3}$  /  $\alpha 7\text{R3}$  /  $\alpha 7\text{II}$  /  $\alpha 7$  /  $\alpha 6000$  /  $\alpha 9$

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

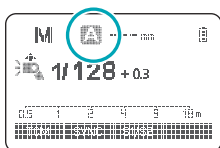
To set the bounce direction, hold the flash head and raise the tilt angle to aim the flash upward. The head swivels right or left to accomplish bounce while shooting verticals or for horizontal bounce effects. Both may be combined. Take care not to use heavy modifiers on the flash in bounce positions.



- 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. 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.

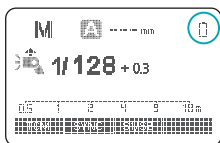


**1** In Manual Zoom mode, press the **< ZOOM >** button.

- 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, **< B >** 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 Menu	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	60min	60min
		30min	30min
SCAN	Scan the best options for channel selection	OFF	OFF
		START	Start to find the best open Channels
CH	Channel setting	01-32	Choose channels from 01-32
ID	Wireless ID	OFF	Off
		01-99	Choose any figure from 01-99
BEEP	Recycle Audio Tone	ON	ON
		OFF	OFF
LIGHT	Backlighting time	12sec	Off in 12 sec.
		OFF	Always off
		ON	Always lighting
LCD	LCD contrast ratio	-3~+3	7 levels
ZOOM	ZOOM display	APS	APS system

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.



# Protection Function

## 1. Overheat Protection

- To avoid overheating and deteriorating the flash head, there is overheat protection in the system. When continuously firing for many times, the inner over-temperature protection function may be activated and make the recycling time slow. If this occurs, allow a rest time of about 10 minutes, and the flash unit will then return to normal.
- When the overheat 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	24	28	35	50	70	80	105	135	200
1/1	40	50	50	60	60	75	75	80	80	80
1/2	50	60	60	75	75	100	100	100	100	100
1/4	100	100	100	100	120	150	150	150	150	150
1/8	200	200	200	200	200	200	200	200	200	200
1/16	300	300	300	300	300	300	300	300	300	300
1/32	500	500	500	500	500	500	500	500	500	500
1/64	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
1/128	2000	2000	2000	2000	2000	2000	2000	2000	2000	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.

# Technical Data

Model	Flashpoint Zoom Li-on III for Pentax
Compatible Cameras	PENTAX cameras (refer to Compatible Camera Models)
Power (1/1 output)	76ws
Guide No. (1/1 output, 200mm)	GN 197ft / 60m @ISO 100 (200mm)
Flash Coverage	20 to 200mm
	• 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
<b>• Exposure Control</b>	
Exposure control system	TTL 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 <b>&lt; FEL &gt;</b> button or <b>&lt; * &gt;</b> 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, 100Hz)
<b>• R2 Wireless Flash Radio (2.4G) Transmission</b>	
Wireless flash function	Transmitter, Receiver, Off
Transmitter groups	M, A, B, C
Controllable Receiver groups	A, B, C, D, E (E group can be controlled by Flashpoint R2 series flash trigger)
Transmission range (approx.)	328ft / 100m
Channels	32 (01-32)
ID	01-99
Modeling flash	Fired with camera's depth-of-field preview button
<b>• Auto Focus Assist Beam</b>	
Effective range (approx.)	Center: 1.96-32ft / 0.6-10m
	Periphery: 1.96-16.4ft / 0.6-5m
<b>• LED Modeling Lamp</b>	
Power	2W
Color Temperature	5300K±200K
<b>• Power Supply</b>	
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. 480
Power saving	Power off automatically after approx. 90 seconds of idle operation. (60 minutes if set as Receiver)
<b>• Sync Triggering Mode</b>	Hotshoe, 2.5mm sync line
<b>• Dimensions</b>	
W x H x D	7.7 x 3.0 x 2.3 in / 195 x 75 x 59 mm
Weight without battery	14.5 oz / 410 g
Weight with battery	18.7 oz / 530 g
2.4G Frequency Range	2413.0 MHz - 2465.0 MHz
Max. Transmitting Power	5 dbm

# Troubleshooting

In the unlikely event that issues arise, 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.

## **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.**

- 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 **TTL** 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. This flash unit has the flash coverage between 20 and 200mm, which fits to the standard of 35mm full frame format cameras.

## Firmware Upgrade

- The USB port is a Type-C USB socket. Use a Type-C USB data cable for the best connection.
- Firmware updates are performed through a connection to a computer using the Flashpoint F3 software app. Download and install the Flashpoint F3 Firmware Update Software before downloading the newest firmware for this flash.

## Compatible Camera Models

This flash unit can be used on the following **PENTAX** camera models:

645Z

K-3II

K-1

KP

K-S2

K70



- This table only lists the tested camera models, not all **PENTAX** 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 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)

 Adorama Brands,  
42 West 18th Street,  
New York, NY 10011

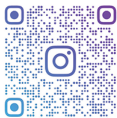
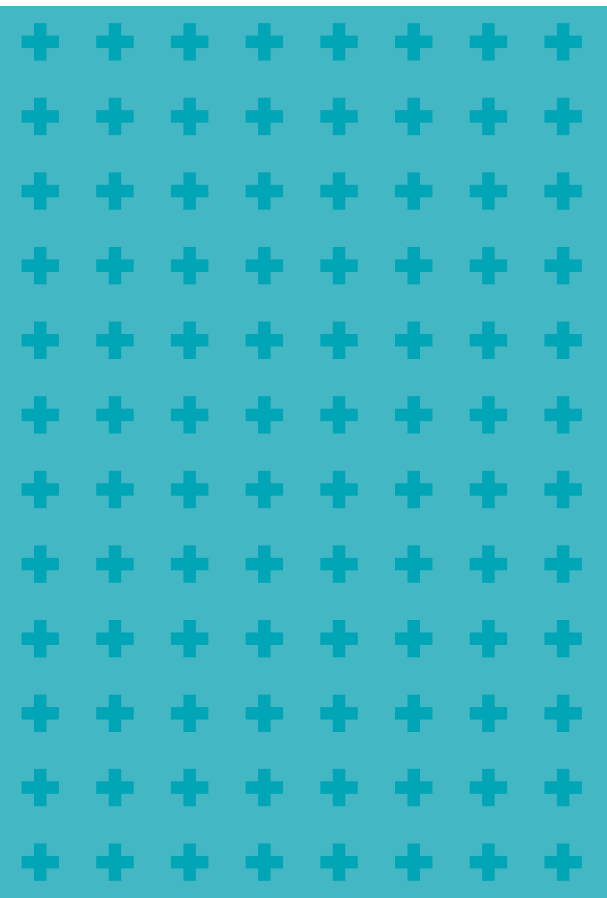
You can always contact us at [BRANDS@ADORAMA.COM](mailto:BRANDS@ADORAMA.COM) for personal technical support.

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

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