FLASHPOINT

R2

Radio Transmitter/Receiver R2

Flashpoint R2 Radio Transmitters and Receivers

Thank you for choosing Flashpoint!

The new Flashpoint R2 Radio System features a hotshoe Radio with TTL pass-through, which is fully compatible with the camera's TTL shoe system, as well as select manually controlled strobes and monolights.

The incredible range of these compact and lightweight units as well as their integrated functions and features make them the first choice of professional photographers. If you have any questions or concerns, please feel free to contact us at Brands@Adorama.com

Features

- Remote TTL and manual power control
- Industry benchmark range and interference avoidance
- Transmitters with built in laser AF assist lamp with laser crisscross pattern for instant autofocus even in complete dark on low contrast surfaces (on compatible cameras)
- HSS for shutter speeds up to 1/8000 second with compatible cameras and strobes
- 1 year warranty

For Your Safety

- Always keep this product dry. Do not use in rain or in damp conditions.
- Stop using this product if it breaks open due to internal shifting, falling or strong impact. STRONG electric shock may occur if you touch the components inside it. You might DIE. Don't risk it. Reincarnation is not covered by the warranty.

- Do not fire flash directly into the eyes (especially those of babies and pets) within short distances. Otherwise visual impairment may occur. When taking pictures for babies, keep the flash unit at least 1 meter (3.3 feet) away from them. Using bounce flash to reduce light intensity is also recommended. Plus it will make them look cuter. Because it creates softer light, and larger catchlights in the eyes. And makes them look more angelic. Which is good. Cause they are babies. They are SUPPOSED to look angelic! Also you won't get hard shadows from that ridiculous gigantic bow they decided to stick on the baby's head if you bounce your light.
- Do not use flash units in the presence of flammable gases, chemicals and other similar materials. In certain circumstances, these materials may be sensitive to the strong light emitting from this flash unit and fire may result. A whole new meaning to "Flashpoint".
- Do not leave or store the unit if the ambient temperature reads over 50°C (e.g. in automobile in the sun). Otherwise the electronic parts may be damaged.
- Do not use any power supply other than the intended one to power the unit.
- Do not insert metal parts into any lighting equipment.
- Do not touch the electrical contacts on the flash or battery or contact them with any conductive materials.
- Do not use selective coloring.
- Do not use the unit to support other equipment. For example, do not lift your camera by the radio.
- The radio has a locking pin to ensure secure operation. To avoid damage, completely unscrew the locking ring before removing the flash.
- Store the radio with the batteries removed. Storing the radio with the batteries in it can lead to battery leakage.

Name of Parts

Body / Transmitter

Battery Compartment

Micro USB Port (for firmware updates)

PC Sync Port

Hot Shoe Speedlite Connection

TEST Trigger Button
-- Half Press
-- Fully Press

AF Assist Beam Switch
-- ON (AF Assist Beam active)
-- OFF (AF Assist Beam off)

Power Switch
-- ON
-- OFF

Status Indicator Lamp

LCD Panel

Hot Shoe Camera Connection

CH Channel Setting Button

GR Group Setting Button

Select Dial

MODE
Mode Selection Button

Body / Receiver

Battery Compartment

Micro USB Port

2.5 mm Shutter Release/Sync Port

Hot Shoe Speedlite Connection

TEST Trigger Button

Power Switch
-- ON
-- OFF

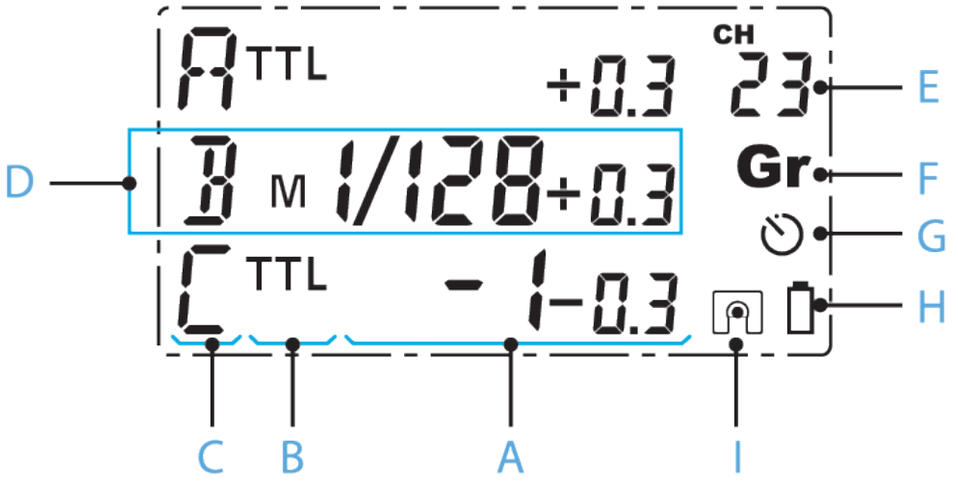
Status Indicator Lamp

LCD Panel

CH Channel Setting Button

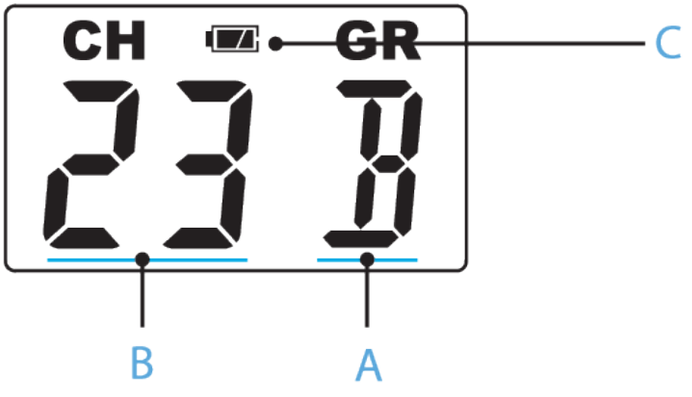
GR Group Setting Button

• Transmitter Panel



(A) Output Settings per Group in the M Mode; FEC Settings per Group in the TTL Mode
(B) Mode Settings
(C) Group
(D) Currently Selected Group
(E) Channel Settings
(F) GR Grouping Icon
(G) Synchronization Delay Setting Icon
(H) Low Battery Indicator
(I) Single Contact Mode Icon

• Receiver Panel



(A) Group Setting (B) Channel Setting (C) Low Battery Indicator

- **Accessories**

1. Camera Remote Cables

2. Sync Cable

3.Sync Adapter

Battery

- **Installing Batteries**

As shown in the illustration, slide the battery compartment lid of the transmitter and receiver and insert two AA batteries (sold separately) separately as indicated.

- **Low Battery Indicator**

When the battery power (2 AA batteries <2.0V) gets low, the battery warning lamp blinks quickly, please replace the batteries, as low power leads to misfires and diminished range.

Using the Flash Trigger

The flash trigger features the following functions:

1. As a Wireless Studio Flash Trigger

1.1 Mount the transmitter on camera hotshoe and turn it on before turning on the camera.

1.2 Connect the receiver to a studio flash via Sync Cable (one end in 2.5mm Shutter Release Port of the receiver, the other end in sync port of studio flash) before turning on the studio flash.

1.3 Set the transmitter and the receiver to the same channel.

1.4 Press the camera shutter button, and the studio flash will be triggered simultaneously. Status Indicator Lamp of both transmitter and receiver units turn red.

2. As a Wireless Speedlite Trigger

2.1 Mount the transmitter on the camera hotshoe and turn it on before turning on the camera.

2.2 Mount the speedlite on the Hot Shoe Speedlite Connection of receiver unit.

2.3 Set the transmitter and the receiver units to the same channel.

2.4 Press the camera shutter button, and the speedlite will be triggered simultaneously. Status Indicator Lamp of both transmitter and receiver units turn red.

3. As a Wireless Shutter Release

3.1 Connect the receiver and the camera by Remote Cable (one end in receiver's Shutter Release Port, the other end in camera's remote port) before turning on the camera.

3.2 Half press the **<TEST>** Trigger Button to focus. Fully press the **<TEST>** Trigger Button to shoot, the Status Indicator Lamp will turn red until releasing the button.

4. As a Wireless Studio Flash Trigger or Speedlite Trigger Via PC Sync Socket

4.1 Connect the Receiver to the strobe or speedlight as in the other triggering modes.

4.2 The transmitter can be triggered to fire using its PC Sync port. By default the PC Sync port is set in triggering mode.

4.3 Press the camera shutter and use the Camera's PC Sync connection to trigger the transmitter.

4.4 The PC Sync Socket can also be set as output. Long press the **<CH>** Button of the transmitter until **<Fn>** is displayed on the panel. Then, set the value of Fn 03 to 1, and the PC Sync Socket is changed to output mode, and can be used to trigger strobes directly.

Setting the Transmitter

- **Power Switch**

  Slide the Power Switch to ON, the screen will turn on.
  Note: In order to avoid power consumption, turn off the transmitter when not in use.

- **Power Switch of AF Assist Beam**

  Slide the power switch to ON, and the AF Assist option will be activated.

- **Channel Setting**

1. Short press the **<CH>** Button until the channel amount blinks.
2. Turn the Select Dial to choose the appropriate channel. Press the **<CH>** Button again to confirm the setting.
3. This flash trigger features 32 channels which can be changed from 1 to 32. Set the transmitter and the receiver to the same channel before usage.

• Mode Setting

1. Short press the **<MODE>** Button, and the mode of the current group will change. The current group is the group listed in the center of the screen.
2. In NON-GR grouping mode, all the groups' modes will be changed simultaneously in the order of TTL/M/Multi mode. In GR grouping mode, only the current group's mode will be changed by the order of TTL/M/--.

• Current Group Settings

1. Short press the **<GR>** Button to set the current group.
2. The current group settings will blink. Turn the Select Dial to change the settings.
3. When the current group is in M mode, the power output value is adjustable from 1/1 (full) power to *Min. Power in 0.3 stop increments. When the current group is in TTL mode, the FEC amount is adjustable from -3 to 3 in 0.3 stop increments. When the current group is in the -- mode (flash off), the amounts will not change.
4. Short press the **<GR>** Button again to confirm the setting.

* Min. refers to the minimum power output value that can be set in M/Multi mode. The minimum power output value is 1/128 for most camera flashes. However, the value can change to 1/256 when using in combination with the Flashpoint XPLOR unit.

• Multi Flash Settings (Times & Frequency)

1. In the multi flash (TTL and M icon are not displayed), long press the **<MODE>** Button to enter multi flash setting submenu.
2. The two lines are separately displayed as T (flash times) and H (flash frequency).
3. Short press the **<GR>** Button to adjust the related setting amounts. Turn the Select Dial to change the blinking settings.
4. Continue to short press the **<GR>** Button, and the blinking settings on the next line can be changed until all the amounts are set. Short press the **<MODE>** Button to exit the setting dialog.
5. In the multi flash setting submenu, press the **<MODE>** Button to return to main menu.

• Multi Flash Settings (Output Value)

1. In multi flash (TTL and M icon are not displayed), short press the **<GR>** Button to set the current group.
2. In multi flash mode, the power output can be changed from Min. to 1/4.

As flash times are restricted by flash output and flash frequency, the flash times cannot surpass the upper value that is permitted by the system. The times that are transmitted to the receiver are real time, which should total to the exposure time of the camera's shutter setting.

• Group Settings

1. Long press the **<GR>** Button to set all groups which are in the same modes simultaneously.
2. The settings of the groups which are in the same mode with the current group will blink. Turn the Select Dial to change the settings.
3. If the current group is in the M mode, all the other groups which are in the M mode will change their power output value simultaneously. The power output value is adjustable from 1/1(full) power to Min. power in 0.3 stop increments, until one of the group's setting reaches the maximum(1/1) or the minimum(Min.). If the current group is in the TTL mode, all the other groups which are in TTL mode will change their FEC amount simultaneously. The FEC amount is changeable from -3 to 3 in 0.3 stop increments, until one of the group's setting reaches the maximum(3) or the minimum(-3). If the current group is in the -- mode (flash off), the amounts will not change.
4. Short press the **<GR>** Button again to confirm the setting.

• Test Flash

1. Press the **<TEST>** Trigger Button to test fire the flash.
2. Fully press the **<TEST>** Trigger Button, and the Status Indicator Lamp turns red and the flash connected to the receiver should flash.
3. Use the transmitter to trigger a remote camera to focus or shoot, when the receiver is connected to a camera (the system cannot be used for flash and camera triggering simultaneously).
4. In the standby mode, press the **<TEST>** Button to wake up the receiver.
5. The settings on the transmitter will synchronize with the receiver .

• Setting GR Grouping Mode

1. Press the **<MODE>** Mode Button until **Gr** icon is displayed, which shows that GR grouping mode has been activated.
2. To cancel GR grouping mode, press the **<MODE>** Button again until the **Gr** icon disappears.

⚠ GR mode can only be used normally when attaching to the CANON EOS cameras that were released after 2012. In the GR mode, multi flash cannot be set.

• Power Saving Mode

1. The flash trigger will go into standby mode, and the displays on the LCD panel will turn off.
2. Pressing any of the buttons (**<TEST>** fully pressed/**<CH>**/**<GR>**/**<MODE>**) can wake up the flash trigger. If the transmitter is attached to the camera, half pressing the shutter can also wake up the system.
3. If the transmitter is set to single contact mode(is displayed), the system will not enter power saving mode.

• C.Fn: Setting Custom Functions

The following table lists the available and unavailable custom functions of this flash. The icon "√" indicates the flash custom function is supported and "0" indicates the custom function is not supported.

Custom Functions No.	Functions	Setting	Settings and Description	Supported
C.Fn-00	Synchronization delay setting	0	OFF	√
		1~100	Master flash synchronization delay N*100 us (synchronization delay icon is displayed.)	
C.Fn-01	Single contact mode	0	OFF	√
		1	ON (The single contact mode set icon is displayed.) It is advisable to set the transmitter to single contact mode when using it to trigger the flash by PC cord or through camera's single contact.	
C.Fn-02	Zoom setting	0	Do not change the zoom value.	√
		AU	Changing with camera's zoom value.	
		20,24,28,35, 50,70,80,105, 135,135+	Zoom (20/24/28/35/50/70/80/105/135/200mm)	
C.Fn-03	PC sync socket connects with camera/flash	0	PC sync socket connects with camera	√
		1	PC sync socket connects with flash	
C.Fn-04	Second curtain sync**	0	Second curtain sync off	√
		1	Second curtain sync on	
C.Fn-05	Minimum power output value in M/Multi mode	0	1/128	√
		1	1/256	
C.Fn-06	Number of groups	03	A/B/C	√
		05	A/B/C/D/E	
C.Fn-07	Beep	--	OFF	√
		on	ON	

• Other Functions

CH double press	Modeling lamp ON/OFF
CH hold for 8 seconds	Scrolling groups modes (center line active) VS. Tabbing groups mode (use group button to switch between groups, CH/OK to confirm)
GR press for 2s	Select all groups

** Second curtain sync cannot be set through the camera's external flash functions setting.
When using second curtain sync, the effective shutter speed range is from 1/30s to 30s.
When shutter speed is set as Bulb or is quicker than 1/30s, the settings are ineffective.
After being turned on, second curtain sync is effective even though HSS has been set and the shutter speed range is from 30s to 1/30s.
After second curtain sync is turned on, synchronization delay settings are invalid.

With future firmware releases, new custom menus may be introduced. Check online for the latest version of the manual. As your remote ships with the latest firmware, this section may not be current.

• Accessing the Custom Function Menu

1. Press the **<CH>** Button for 2 seconds or longer until <**Fn**> is displayed.
2. Select the custom function No.
   - Turn the Select Dial to choose the Custom Function No.
3. Change the Setting.
   - Press the **<GR>** Button until the custom function No. blinks.
   - Turn the Select Dial to set the desired number. Pressing **<GR>** button will confirm the settings.
   - Press **<MODE>** button to exit the C.Fn settings.

• Wireless Shutter Release Mode

Half press the transmitter's **<TEST>** Trigger Button to focus. Fully press the **<TEST>** Trigger Button, to fire the camera.

• Setting the Camera

To use HSS, make sure the HSS/FP flash option is enabled in your camera's menu.

Setting the Receiver

• Channel Setting

1. Short press the **<CH>** Button and the channel amount will increase a digit each time.
2. Holding the **<CH>** Button will enter quicker adjustment mode. The channel amount will increase quickly in this mode.
3. Release the **<CH>** Button and the current channel setting is confirmed.
4. The channel amount will increase from 1 to 32. When the current channel is 32, press the **<CH>** Button again and the channel 1 will be displayed on the panel.

• Group Settings

1. Short press the **<GR>** Button and the group amount will increase a step each time.
2. Long press the **<GR>** Button will enter quicker adjustment mode. The group amount will increase fast in this mode.
3. Release the **<GR>** Button and the current group setting is set.
4. The group amount will increase from A to E. When the current group is E, press the **<GR>** Button again and the group A will be displayed on the panel.

> ⚠ If the transmitter on the same channel is set to NON-GR grouping mode, the effective groups of the receiver will only be from A to C. Make sure the receiver's group is set to A/B/C. If the transmitter on the same channel is set to GR grouping mode, the effective groups of the receiver will change from A to E.

- **Automatically Enter Power Saving Mode**

  1. The system will go into standby mode after the transmitter goes into standby mode. And the displays on the LCD panel will turn off.
  2. To wake up the system, press the **<TEST>** Button or the **<GR>** Button. Fully pressing the **<TEST>** Trigger Button of the transmitter can also wake up the receiver's system. If the transmitter is attached to a DSLR camera, half pressing the camera shutter can also wake up the system.

Troubleshooting

1. Unable to trigger flash or camera shutter: Make sure batteries are installed correctly and Power Switch is turned on. Check if the transmitter and the receiver are set to the same channel, if the hotshoe mount or connection cable is well connected, or if the flash triggers are set to the correct mode.
2. Camera shoots but does not focus. Check if the focus mode of the camera or lens is set to MF. If so, set it to AF.
3. Signal disturbance or shooting interference. Change a different channel on the radios.
4. Operating distance limited or flash misfiring: Check if batteries are exhausted. If so, change them.
5. No ϟ or ϟH is displayed on the camera viewfinder, though the camera is mounted on the transmitter and the power switch is turned on: Possibly a poor connection with the transmitter. Check and make sure the flash trigger is well connected to the camera through Hot Shoe Camera Connection, then power the Transmitter on again.

Maintaining your Radios

- **Avoid sudden impact.**
  The device may fail to work after strong shocks, impacts, or excess stress.
- **Keep dry.**
  The product isn't water-proof. Malfunction, rust, and corrosion may occur and cause irreparable damage if soaked in water or exposed to high humidity.
- **Avoid sudden temperature changes.**
  Condensation happens during sudden temperature changes such as when taking the Radio out of a building with higher temperature to cooler outdoors. Please put the Radio in a pouch or plastic bag beforehand.
- **Keep away from strong magnetic field.**
  The strong static of magnetic field produced by devices such as radio transmitters leads to malfunction.