FLASHPOINT

Bowens Mount
XPLOR 600 TTL Strobe R2

FPLFX600TB

Thank You for Choosing Flashpoint!

The new XPLOR 600 is a 600 watt second Fully Cordless TTL strobe, which is compatible with the Canon/Nikon/Sony systems, as well as the R2 radio system for remote power control and firing. The incredible amount of power and control in these compact and lightweight units make the R2 System the first choice of professional photographers, and the XPLOR 600 is the next evolution of that concept. With a focus on portable lighting, the R2 family hopes to free your camera to go out….. and XPLOR.

If you have any questions or concerns, please feel free to contact us at
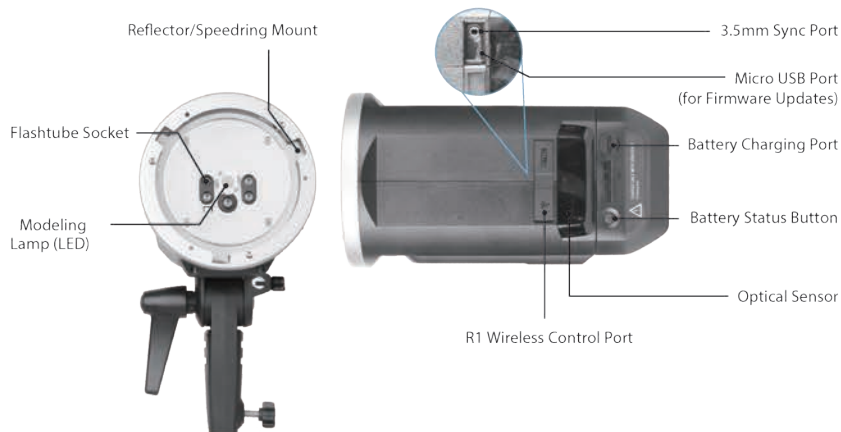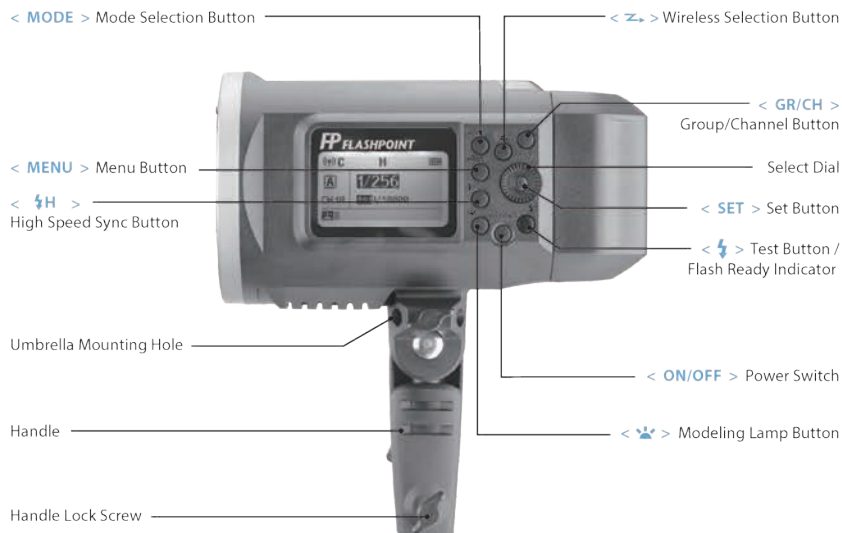Brands@Adorama.com

Features Include

- Greatest power with the most compact package, precluding the need for cords and AC powered strobes
- IGBT firing allows for shorter flash durations, HSS, and TTL
- Incredible long-life battery using Lithium Ion Technology, with a replaceable battery module
- Compatible wireless TTL systems: Fully supports Canon, Sony, and Nikon TTL systems using the 2.4Ghz Flashpoint R2 radio system or optical signals. Functions as a controllable unit in a wireless flash group.
- Backwards compatible with the Flashpoint R1 radio control system for manual output control and triggering
- Can also be triggered optically, or with a standard 3.5mm sync cord
- Tilt head with integrated umbrella mount
- Vents and fans for cooler, quitter running lights
- Many accessories available for the standard Bowens Mount
- Dot-matrix LCD panel with clear and convenient operation
- Power adjusts from full power to 1/256 in 1/3 stop increments
- Stable color temperature at 5600±200K over the entire power range
- 1/8000s high-speed sync flash
- 3 modeling lamp settings with optional recycle notifications
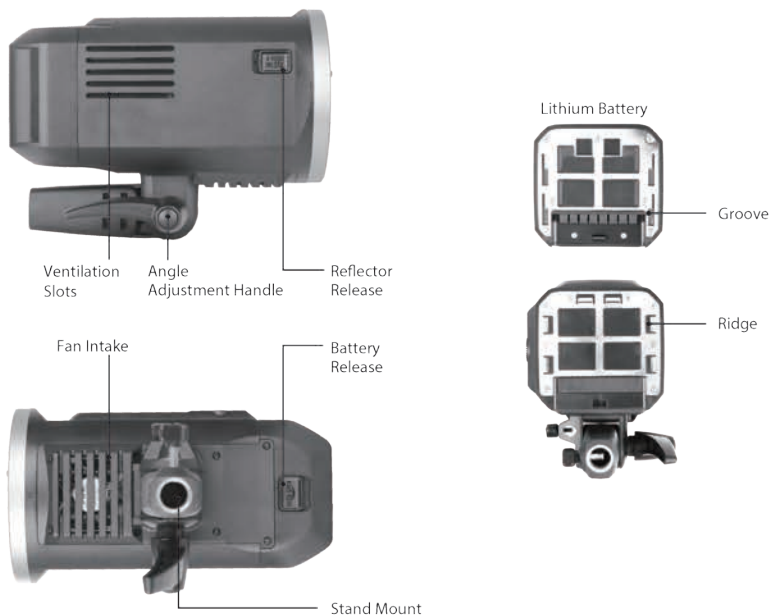- 1 Year Warranty

For Your Safety

• Always keep this product dry. Do not use in 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 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 the strobe 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 strobe 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 the strobe unit 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 strobe unit and fire may result. A whole new meaning to "Flashpoint".

• Do not leave or store the strobe 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 included one to charge the battery.

• 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.

• 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 normal operation. You may also reboot the strobe by cycling the power off and then on.

• Do not use selective coloring.

• The strobe has a locking pin to ensure secure operation. To avoid damage, slide the release before removing any reflectors or accessories.

• 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.
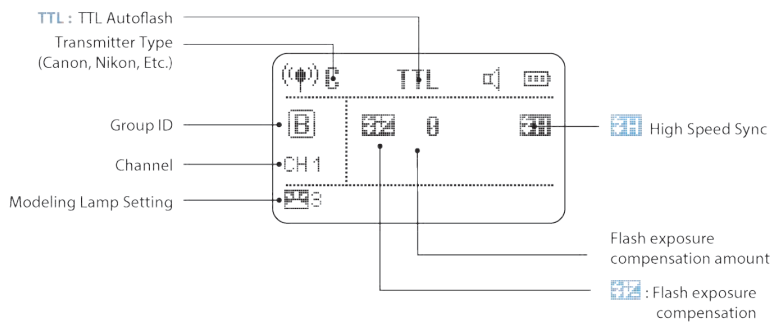
Name of Parts

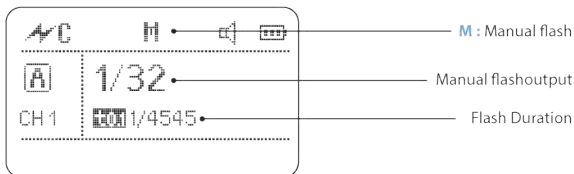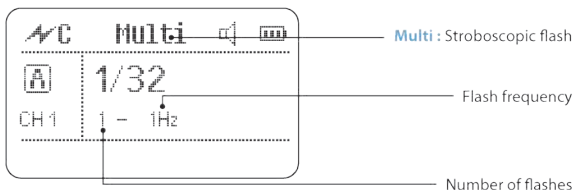## Body

< **MODE** > Mode Selection Button

< **MENU** > Menu Button

< **⚡H** >
High Speed Sync Button

Umbrella Mounting Hole

Handle

Handle Lock Screw

FLASHPOINT

< ⇄ > Wireless Selection Button

< **GR/CH** >
Group/Channel Button

Select Dial

< **SET** > Set Button

< ⚡ > Test Button /
Flash Ready Indicator

< **ON/OFF** > Power Switch

< 🔆 > Modeling Lamp Button

Reflector/Speedring Mount

Flashtube Socket

Modeling
Lamp (LED)

3.5mm Sync Port

Micro USB Port
(for Firmware Updates)

Battery Charging Port

Battery Status Button

Optical Sensor

R1 Wireless Control Port

Ventilation
Slots

Angle
Adjustment Handle

Reflector
Release

Lithium Battery

Groove

Ridge

Fan Intake

Battery
Release

Stand Mount

LCD Panel

(1) TTL Autoflash

TTL : TTL Autoflash

Transmitter Type
(Canon, Nikon, Etc.)

Group ID

Channel

Modeling Lamp Setting

High Speed Sync

Flash exposure
compensation amount

: Flash exposure
compensation

(2) M Manual Flash

M : Manual flash

Manual flashoutput

Flash Duration

(3) Multi Flash

Multi : Stroboscopic flash

Flash frequency

Number of flashes

(4) Radio Transmission Shooting/Optical Transmission Shooting

(( )) : Radio transmission wireless shooting

∿ : Optical transmission wireless shooting

Firing group

Channel

(5) Slave Unit

Flash duration

S1/S2
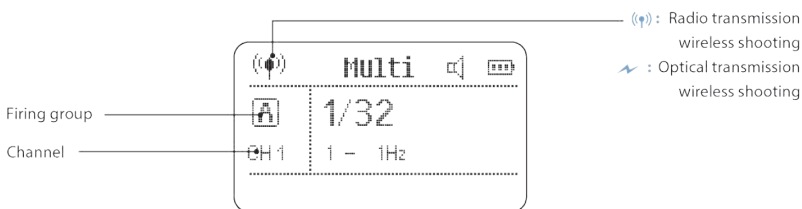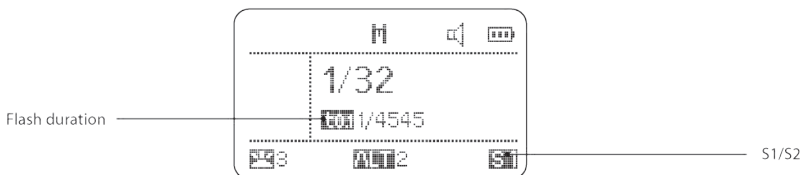
Included Accessories

1. Flash tube   2. Lithium battery pack   3. Battery charger   4. Charger Power cord   5. Lamp cover   6. Instruction manual

1   2   3   4   5

Optional Accessories

- R2 Radios
- R1 Radios
- Hexapop/Parapop rapid deployment Softboxes
- Other Light Modifirers
- Extension Head

Installing Reflector & Other Accessories

1. Slide the Reflector Release toward the black .

2. Insert the reflector into the Accessory Mount and rotate it clockwise to lock it in.

Attaching Flash Tube
(Remove the bettery before you begin)

1. Remove the reflector or other accessories from the flash head.

2. Allign the flash tube with the Tube Socket. Push the flash tube in until it is securely seated into the socket.

Adjusting the Tilt

To adjust the tilt, rotate the Angle Adjustment Handle counterclockwise to allow the unit to tilt, or clockwise to lock it in position. If there is interference during rotation, the handle can be moved without affecting the lock by pulling it away from the unit body while rotating.

Battery

Features

This flash unit uses a high capacity Li-ion polymer battery. It takes approximately 4 hours to fully charge the battery using the included battery charger.

Warnings

⚠ Do not short circuit.
⚠ Do not expose to rain or immerse in water. This battery is not water proof.
⚠ Keep out of reach of children.
⚠ Do not keep on charger for more than 24 hrs.
⚠ Store in dry, cool, ventilated places.
⚠ Do not put near or into fire.
⚠ Dead batteries should be disposed according to local regulations.
⚠ If the battery had not been used for over 3 months, please make a full recharge.

Loading and Unloading the Battery Pack

Loading:

1 Match the battery's groove with the main battery compartment's ridge.
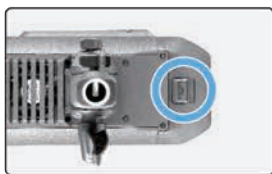
2 Push down the battery pack until it is locked.

Removal:
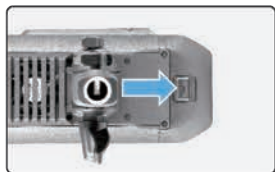
1 Push the Battery Release to the rear.

2 Slide the battery pack upward to remove it.

Battery Level Indicator

Battery Level Indicator on the LCD Panel (Indicating battery level and management of the whole flash system)	LED Battery Level Indicator on the Battery (Indicating battery level and management of non-loaded battery)	Meaning
3 Bars	1 red grid +3 green grids	Full battery
2 Bars	1 red grid +2 green grids	Medium battery
1 Bars	1 red grid +1 green grid	Low battery
Blank grid	1 red grid	Depleted battery, please recharge it.
Blinking		The battery is empty. And the flash will auto power off in 1 minute. Note: Please recharge the battery as soon as possible (within 2 days) or you risk shortening the usage life of the bettery.

Power Management

Long press the < **ON/OFF** > Power Switch for 2 seconds to turn on and off the flash unit. Turn off the power pack if the flash unit will not be used for an extended period (>1 hr).

Wireless Flash Mode

The XPLOR functions as a TTL Strobe Unit. Press the Wireless Selection Button to switch between the two wireless modes: radio transmission and optical transmission. When using radio transmission, the XPLOR will automatically switch between TTL Systems (Canon/Nikon etc.) based on input from the R2 radio. When using optical transmission, please set the TTL System (Canon/Nikon etc.) manually before use.

Available Settings

Wireless Mode	Flash Mode
OFF	M / Multi
Radio Transmission	TTL / M / Multi
Optical Transmission	TTL / M / Multi

Flash Mode — TTL Autoflash

This storbe has three flash modes: TTL, Manual (M), and Multi (Stroboscopic). In TTL mode, the camera and the strobe will work together to calculate the correct exposure for the subject and the background.
* Press < **MODE** > Mode Selection Button and three flash modes will display on the LCD panel one by one with each press.
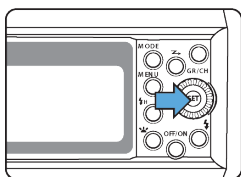
TTL Mode

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

⚡ FEC: Flash Exposure Compensation

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

Setting FEC:

**1** Press < **SET** > Button and flash exposure compensation amount will be highlighted on the LCD panel.
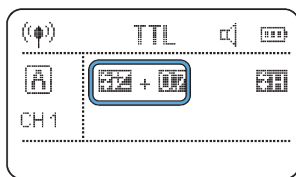
2 Set the flash exposure compensation amount.
- Turn the Select Dial to set the amount.
- "0.3"means 1/3 stop, "0.7"means 2/3 stop.
- To cancel the flash exposure compensation, set the amount to "+0".
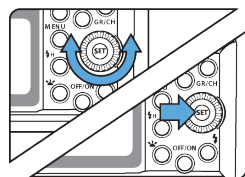
3 Press < **SET** > button again to confirm the setting.

⚡ High-Speed Sync

High Speed Sync (FP flash) enables the strobe to synchronize with all camera shutter speeds. This is convenient when you want to use aperture priority for fill-flash portraits or overpower the sun.
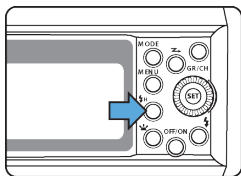
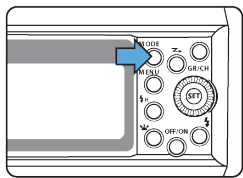**1** Press High Speed Sync Button so that < ⚡ > is displayed.
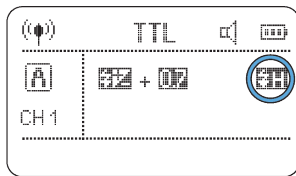
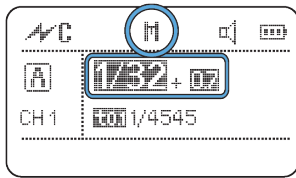**2** Use a Flashpoint R1 or R2 HSS transmitter to trigger the strobe.

- If you set a shutter speed that is the same as or slower than the camera's maximum flash sync speed, < ⚡ > will not be displayed in the viewfinder.
- With high-speed sync, the faster the shutter speed, the shorter the effective flash range.
- To return to normal flash, press < ⚡ > button again. Then < ⚡ > will disappear.
- Multi flash mode cannot be set in high-speed sync mode.
- Over-heat protection may be activated after 30 consecutive high-speed sync flashes.

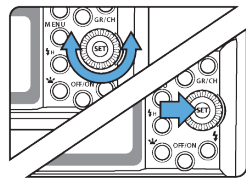# Flash Mode — M: Manual Flash

The flash output is adjustable from 1/1 full power to 1/256th power in 1/3rd stop increments. To obtain a correct flash exposure, use a hand-held flash meter to determine the required flash output.

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

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

3 Press < **SET** > button again to confirm the setting.

Flash Output Range

The following table makes it easier to see how the stop changes in terms of f/stop when you increase or decrease the flash output. For example, when you decrease the flash output to 1/2, 1/2-0.3, or 1/2-0.7, and then increase the flash output to more than 1/2, 1/2+0.3, 1/2+0.7, and 1/1 will be displayed.

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

⟸ Figures displayed when increasing flash output level

S1 Optical Slave Triggering

In M manual flash mode, press < **MENU** > button to enter C.FN-SLAVE to choose S1 function, so that this strobe will fire immediately when the sensor sees another flash fire. Use this mode to trigger this flash with another manual flash, and in an area where no others are doing flash photography as well.

S2 Intelligent Optical Slave Triggering

Press < **MENU** > button to enter C.FN-SLAVE to choose S2 function, so that this strobe will ignore the pre-flash and fire on the second flash of a TTL photo. Use this mode to trigger your flash with a TTL speedlight and in an area where no others are doing flash photography as well.

> • S1 and S2 optical triggering is only available in M manual flash mode.

Display Flash Duration

Flash duration refers to the length of time from flash's firing to reach the half peak at maximum. The half peak at maximum is usually expressed as t=0.5. In order to provide the photographer with more concrete data, this displays a t=0.1. The difference between t=0.5 and t=0.1 is shown in the following picture.
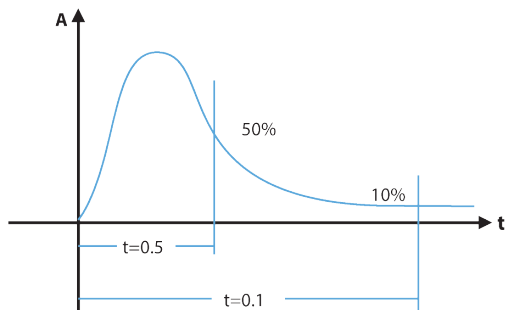

The flash duration will only be displayed on the LCD panel in M mode.
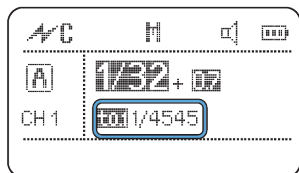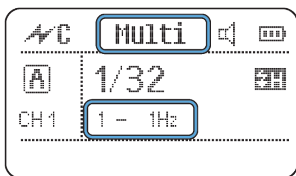
Flash Mode — Multi: Stroboscopic Flash

With stroboscopic flash, a rapid series of flashes is fired. This technique can be used to capture multiple images of a moving subject in a single photograph. You can set the firing frequency (number of flashes per sec. expressed as Hz), the number of flashes, and the flash output.

1 Press < **MODE** > button so that < **MULTI** > is displayed.
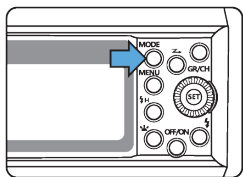
2 Turn the Select Dial to choose a desired flash output.
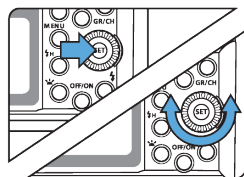
3 Set the flash frequency and flash times.
- Press < **SET** > Button to select the flash times. Turn the Select Dial to set the number.
- Press < **SET** > Button to select the flash frequency. Turn the Select Dial to set the number.
- After you finish the setting, press < **SET** > button and all the settings will be displayed.

Calculating the Shutter Speed

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

Number of Flashes / Flash Frequency = Shutter Speed

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

⚠ To avoid overheating and deteriorating the flash head, do not use stroboscopic flash more than 10 times in succession. After 10 times, allow the strobe 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	10	11	12-14	15-19	20-50	60-100
1/4	7	6	5	4	4	3	3	2	2	2	2	2	2
1/8	14	14	12	10	8	6	5	4	4	4	4	4	4
1/16	30	30	30	20	20	20	10	8	8	8	8	8	8
1/32	60	60	60	50	50	40	30	20	20	20	18	16	12
1/64	90	90	90	80	80	70	60	50	40	40	35	30	20
1/128	100	100	100	100	100	90	80	70	70	60	50	40	40
1/256	100	100	100	100	100	90	80	70	70	60	50	40	40

Wireless Flash Shooting: R2 Radio (2.4G) Transmission

The XPLOR can be controlled using R2 radio transmitters, including those integrated into Zoom and Streaklight Flash units.
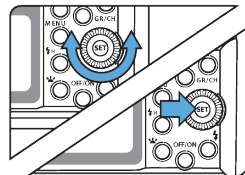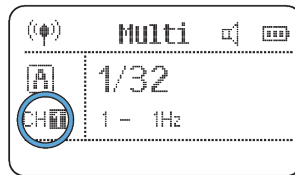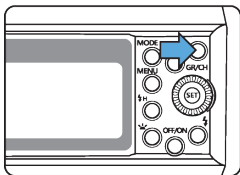
1. Wireless Settings
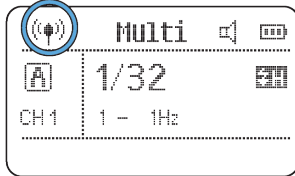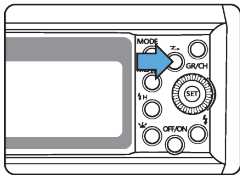
Press < ⚡ > Wireless Setting Button until < (((•))) > is displayed on the panel.

2. Setting the Communication Channel

If there are other wireless flash systems nearby, you can change the channel IDs to prevent signal interference. The channel IDs of the master unit and the slave unit(s) must be the same.

1 Long press the **< GR/CH >** Button for 2 seconds so that channels ID is displayed on the LCD panel.

2 Turn the Select Dial to choose a channel ID from 1 to 32.

3 Press the **< SET >** button to confirm.

3. Setting the Communication Group

Short press the **< GR/CH >** Button to choose group ID from A to E. When the master unit is a TTL Streaklight or Zoom, only groups A-C are controllable, although all groups will fire simultaneously.
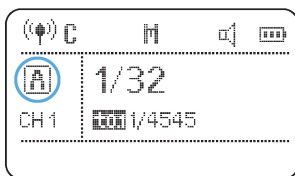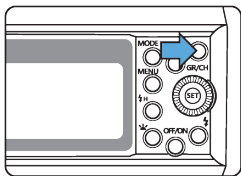
> ℹ • For more instructions on the use of the R2 system, see the manual of your R2 transmitter.

Wireless shooting using radio transmission has advantages over wireless shooting using optical transmission, such as being less affected by obstacles, and not having to point the slave unit's wireless sensor toward the master unit. The main functional differences are as follows:

| Function	Radio Transmission	Optical Transmission
Distance	70m	Master (transmitter): approx. 3m; Slave (receiver): approx. 15m
Channel	1-32	1~4
A/B/C Power	OFF, 1/128~1/1	1/128~1/1
Subject to Interference	Hard	Easy

Wireless Flash: Optical Transmission

The XPLOR supports wireless optical TTL flash control and can be set as slave unit. Choose the optical wireless system through C. FN-REMOTE on the MENU list.

- Compatible Canon optical wireless system: The XPLOR can receive wireless signals of Canon speedlites e.g. 580EXII, 600EX-RT and commanders of Canon cameras e.g. 7D/60D/600D.
- Compatible Nikon optical wireless system: The XPLOR can receive wireless signals of Nikon speedlights e.g. SB-900, SB-910 and commanders of D7100/D7000/D800.
- Wireless compatibility can be updated via Firmware updates.
- Any flash settings (of flash exposure compensation, high-speed sync, FE lock, FEB, manual flash, Multi flash) on the master unit will be automatically sent to the slave units. So the only thing you need to do is to set the master unit to TTL mode without any operation for the slave units at all during the shooting.
- This strobe can work in TTL autoflash, M manual flash, and Multi stroboscopic flash modes when set as a optically controlled unit.

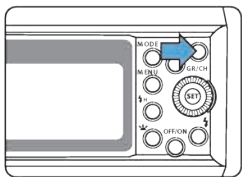# Positioning and Operation Range
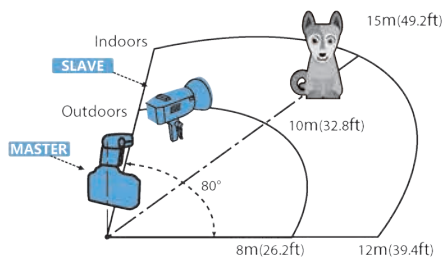
1. Wireless Settings
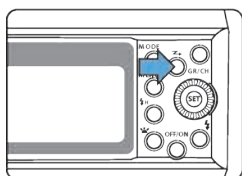
Press < ⊐▸ > Wireless Setting Button until < ◢▸ > is displayed on the panel.

2. Setting the Communication Channel

If there are other wireless flash systems nearby, you can change the channel IDs to prevent signal interference. The channel IDs of the master unit and the slave unit(s) must be the same.

1 Long press the < GR/CH > Button for 2 seconds so that channels ID is displayed on the LCD panel.
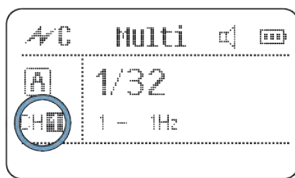
2 Turn the Select Dial to choose a channel ID from 1 to 4.
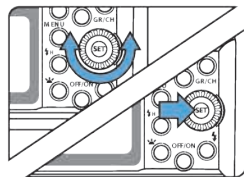
3 Press the < SET > button to confirm.

3. Setting the Communication Group

Short press the < GR/CH > Button to choose group ID from A to C.

⚠ The slave unit may be subject to optical interference from nearby fluorescent lamps or computer screens.

C.Fn: Setting Custom Functions

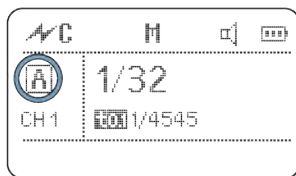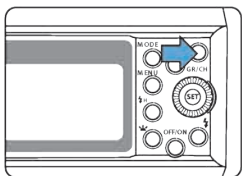| Custom Function Options	Description	Setting Signs	Settings & Descriptions	Restrictions
BEEP	Recycle Beep	ON	ON	NO
		OFF	OFF	
SLAVE	Slave/ Intelligent Slave Mode	OFF	OFF	M mode
		S1	S1 mode	
		S2	S2 mode	
FAN	Fan Working Mode	OFF	OFF	NO
		AUTO	Temperature <45°: OFF	
			Temperature >45°: LOW FAN	
			Temperature >60°: HIGH FAN	
SLEEP	Auto Power Off	OFF	Disabled	NO
		1HR	Auto power off without any operation	
		2HR		
		3HR		
LIGHT	Backlighting Time	12sec	Off in 12 sec.	NO
		OFF	Always off	
		ON	Always illuminated	
DELAY	Delay Flash	OFF, 0.01~30S	Can be triggered as second curtain	M/Multi mode
UNITS	Total Number of Flashes	2~4	Use UNITS in combination with ALT: UNITS sets the total	M mode
ALT	Triggering Times		number of flashes; ALT sets the triggering times before flash's firing	M mode
LCD	LCD Contrast	0~9	10 levels	
REMOTE	Optical Wireless Remote System	CANON	Canon	Optical wireless mode
		NIKON	Nikon	
		SONY	Sony	
RESET	Parameter Resetting	NO		NO
		YES	Reseting	

1. Press < **MENU** > Button to enter **C.Fn** menu. The **"Ver x.x"** in the top-right corner refers to the firmware version.
2. Select the Custom Function Option.
* Turn the Select Dial to select the Custom Function Option.
3. Custom Function Menus may vary based on firmware updates.

4. Change the Setting.
* Press < SET > button and the Setting Signs are highlighted.
* Turn the Select Dial to set the desired number. Press < SET > button will confirm the settings.
5. Exit C.Fn Menu.
* Press < MENU > Button to exit.

Modeling Lamp

This strobe is equipped with a 10W LED modeling lamp which has 3 steps of light adjustment and two Recycle modes.

• **Push the Modeling Lamp Button to set the steps:**
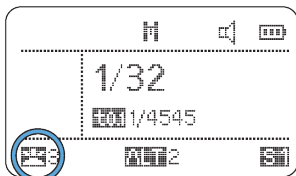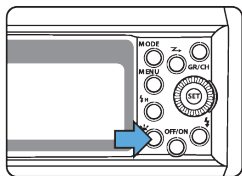 One step: 30% output; off in 30 minutes (to prevent overheating)
  Two step: 60% output; off in 20 minutes (to prevent overheating)
  Three step: 100% output; off in 10 minutes (to prevent overheating)
• **Long press the modeling lamp for 2 seconds to set modeling modes:**
  1. Always lit
  2. Modeling lamp auto off when firing. (Recycle Notification)

Other Features

R1 Wireless Control Function

The flash unit is designed with a R1 Wireless Control Port so that you can wirelessly adjust the power level of the flash and the flash triggering.
To control the flash wirelessly, you need a R1 remote control set (Transmitter and Receiver). Insert the receiver into the Wireless Control Port on the flash and insert the transmitter into the camera hot shoe. Settings made on the hotshoe-mounted transmitter will be wirelessly communicated to the flash. Then you can press the camera shutter release button to trigger the flash. You can also hold the transmitter in your hand to control your off-camera flash.

ⓘ For full instructions on the use of R1 series remote control, see its user manual.
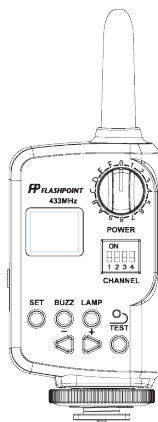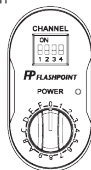
Sync Triggering

The Sync Cord Jack is a Φ3.5mm plug. Insert a trigger plug here and the flash will be fired simultaneously with the camera shutter.

Protection Functions

1. Over-Heat Protection

- To avoid overheating and deteriorating the flash head, do not fire more than 70 continuous flashes in fast succession at 1/1 full power. After 70 continuous flashes, allow a rest time of at least 10 minutes.
- If you fire more than 70 continuous flashes and then fire more flashes in short intervals, the inner over-heat 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-heat protection is started, $\underline{\underline{\underline{\prime\prime\prime}}}$ is shown on the LCD display.

Number of flashes that will activate over-heat protection:

Power Output Level	Number of Flashes
1/1	70
1/2 (+0.3,+0.7)	120
1/4 (+0.3,+0.7)	200
1/8 (+0.3,+0.7)	300
1/16 (+0.3,+0.7)	400
1/32 (+0.3,+0.7)	500
1/64 (+0.3,+0.7)	1000
1/128 (+0.3,+0.7)	
1/256 (+0.3,+0.7)	

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

Power Output	Times
1/1	50
1/2 (+0.3,+0.7)	60
1/4 (+0.3,+0.7)	75
1/8 (+0.3,+0.7)	100
1/16 (+0.3,+0.7)	150
1/32 (+0.3,+0.7)	200
1/64 (+0.3,+0.7)	
1/128 (+0.3,+0.7)	300
1/256 (+0.3,+0.7)	

2. Other Protections

- The system provides real-time protection to secure the device and your safety. The following is a list or error prompts for your reference:

LCD Panel	Meaning
E1	A failure occured in 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 detects excessive heat. Please allow a rest time of 10 minutes.
E3	The voltage on two outlets of the flash tube is too high. Please send this product to a maintenance center.
E9	Some errors occurred during the upgrading process. Please using the correct firmware upgrade method.

Technical Data

Model	Flashpoint XPLOR 600	
Wireless Slave Unit Mode	Radio transmission mode (compatible with Sony, Nikon & Canon)	
	Optical transmission mode (compatible with Sony, Nikon & Canon)	
Flash Modes	Wireless off	M/Multi
	Slave unit of radio transmission	TTL/M/Multi
	Slave unit of optical transmission	TTL/M/Multi
Guide No. (m ISO 100)	182 Ft @ISO 100 with standard reflector	
Flash Duration	1/220 to 1/10000 seconds (T0.1)	
POWER	600Ws	
Power Output	9 stops: 1/256~1/1 in 1/3 of a Stop increments	
Stroboscopic Flash	Available (up to 100 times, 100Hz)	
Flash Exposure Compensation (FEC)	±3 stops in 1/3 stop increments.	
Sync mode	High-speed sync (up to 1/8000 seconds), first-curtain sync, and second-curtain sync	
Delay Flash	0.01~30 Seconds	
Fan	√	
Recycle Beep	√	
Modeling Lamp (LED)	10W	
Optical Slave Flash	S1/S2	
Flash Duration Indicator	√	
Display	Dot-matrix panel	
• Wireless Flash (optical transmission and 2.4G transmission)		
Wireless Flash Function	Slave, Off	
Controllable Slave Groups	Optical	3 (A, B, C)
	2.4G R2	5 (A, B, C, D, E)
Transmission Range (approx.)	Optical	Indoors: 12 to 15 m / 39.4 to 49.2 ft.
		Outdoors: 8 to 10 m / 26.2 to 32.8 ft.
	2.4G R2	80m
Channels	Optical	4 (1, 2, 3, and 4)
	2.4G R2	32 (1~32)
• Power Supply		
Power Supply	Lithium battery pack (11.1V/8700mAh)	
Full Power Flashes per charge	450	
Recycle Time	Approx. 0.01-2.5s	
Battery Indicator	√	
Power Save / Auto Power Off	Power off automatically after approx. 60 minutes of idle operation.	
• Sync Triggering Mode	3.5mm sync port, R2 Radio, Optical, & R1 wireless control port	
• Color Temperature	5600±200k	
• Dimensions		
Dimension (with battery)	220x245x125 mm (flash tube & reflector not included)	
Net Weight (with battery)	5.9 lb (flash tube & reflector not included)	

Troubleshooting

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

The flash exposure is underexposed or overexposed.

- There was a highly reflective object (e.g. glass window) in the picture.

  → Use FE lock (FEL).

- You used high-speed sync.

  → With high-speed sync, the effective flash range will be shorter. Make sure the subject is within the effective flash range displayed.

- You used Manual Flash mode.

  → Set the flash mode to TTL or modify the flash output.

Firmware Upgrade

**This Strobe supports firmware upgrade through the USB port.
Update information will be released on our official website.**

> ⓘ The USB port is a standard Micro USB socket.

Maintenance

- Shut down the device immediately should abnormal operation be detected.
- Avoid sudden impacts and the product should be dusted 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 wet, do not use it until it is repaired by professionals.
- Changes made to the specifications or designs may not be reflected in this manual.

For assistance, you can always email Brands@Adorama.com