

# FP FLASHPOINT



## XPLOR 600 PRO <sup>R2</sup>

The world is yours to XPLOR

FPLFX600PB  
Bowens Mount

## We Celebrate Your Flashpoint XPLORE 600Pro R2 Wireless Radio Monolight selection!

The compact 600ws marvel invites you to go beyond the straight of wire dependency and soar into the free and easy heights only R2 Radio tenders. True, accurate manual exposures, lithium powered mobile imaging that spurs your creative imagination to conquer distant vistas, solve the challenging lighting situation in any environment, adapt to multiple camera systems right out of the box. The unmatched R2 Radio System links Canon, Nikon, Sony, Fujifilm and Olympus/Panasonic seamlessly for the ultimate to remote solutions. The sun is no match to this exceptional performer with superior HSS up to 1/8000s. And the broad spectrum of Bowens mount light modifiers available, contours every possible lighting occurrence from studio to peak.

The battery recharge is a snap, too, using the external power charger to keep the action going without tying up the flash to re-energize. Add the pro LED modeling light feature and the picture is complete.

The XPLORE 600Pro is the next iteration of the Flashpoint R2 radio system, compatible with the R2 Canon, Nikon, Sony, Fujifilm and Olympus/Panasonic camera systems, for remote power control and shooting. With a focus on portable lighting, the R2 Family liberates you from the hassle and tangle of wired 600ws monolights - whether you are a wedding or event photographer, environmental portraiture shooter, freelance commercial studio illustrator, eager photojournalist, a wandering backpack adventurer, or fast action sports snapper.

- Studio Quality Light: Delivers 600ws, with a GN of 285ft/87m ISO 100, standard reflector.
- Wireless Radio: Built-in Flashpoint R2 wireless 2.4Ghz system, compatible with Canon, Nikon, Sony, Fujifilm, Olympus and Panasonic camera systems.
- Blazing fast Recycle time: 0.9s at Full Power rivals AC strobes.
- Precise power output: power adjusts 9 stops from full power 1/256 to 1/1 in 25 steps.
- Stable Color Temperature mode: color temperature guaranteed within  $\pm 75^{\circ}\text{K}$  over the entire power range.
- LED Modeling Lamp: Brilliant 38W LED module with Proportional and Variable settings.
- HSS supremacy: Up to 1/8000s high-speed sync flash triggering overcomes sunlit challenges.
- Advanced functions: Mask Sequencing, Multi Flash, Slave Delay.
- Dot-matrix LCD panel: Clear and convenient operation.
- Modifier Accessories: Bowens mount ease for softbox, beauty dish, snoots, color gels, reflectors...

Take a deep breath. Your reach is now beyond your dreams.  
XPLORE 600Pro TTL is reality.

## Safety Instructions

- 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 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. In certain circumstances, these materials may be sensitive to the strong light or electromagnetic interference emitted from this flash unit.
- 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 use any power supply to charge the battery, other than the one included.
- 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. When taking pictures of babies, keep the flash unit at least 3.3 feet (1 meter) away from them. 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 normal operation. You may also reset the strobe by cycling the power off and then on again.
- The strobe has a locking mechanism 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.

## 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.
- The following alert symbols are used in this manual:
  -  The Caution symbol indicates a warning to prevent shooting problem.
  -  The Note symbol gives supplemental information.

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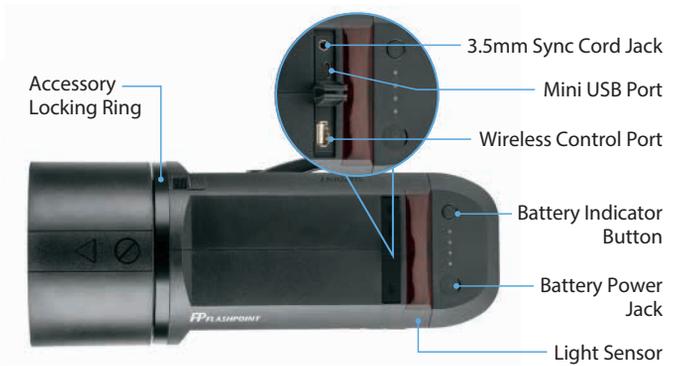
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# Name of Parts

## Body



### Accessory Mount



# Name of Parts

## Body



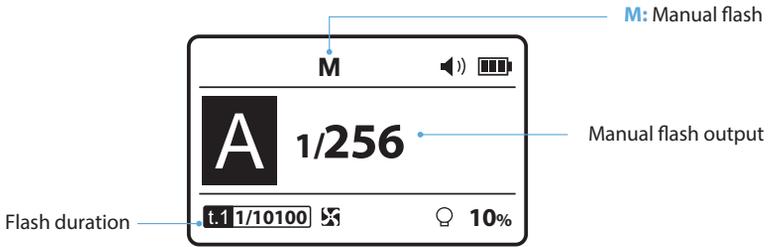
Lithium Battery



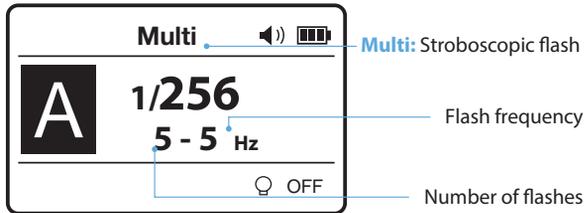
## Name of Parts

### LCD Panel

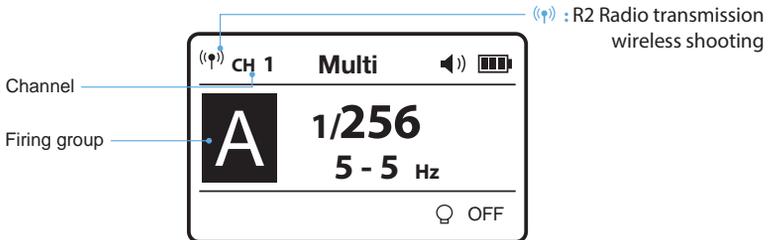
#### (1) M Manual Flash



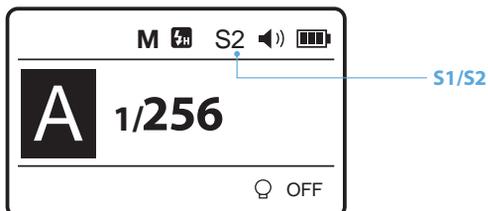
#### (2) Multi Flash



#### (3) R2 Radio Transmission Shooting



#### (4) Optical transmission wireless shooting



## Included Items

- Flashpoint XPLOR 600Pro Monolight
- Flash tube
- Lithium battery pack
- Battery charger
- Power cord
- Reflector
- Carrying bag
- Instruction manual



## Separately Sold Accessories

The product can be used in combination with the following accessories sold separately, so as to achieve best photography effects: R2 Pro & R2 Wireless Flash Trigger, Softbox, Beauty Dish, Fold up Umbrella, Shoots, Light Stand, etc.



## Preparing the XPLOR 600Pro

### Installing a Reflector (or other Accessories or Modifiers)



1. Press down the Reflector/Modifier Lock Release lever.



2. Insert the reflector or any Bowens mount light modifier into the 3 tabs of the Reflector/Modifier Lock Release.



3. Turn clockwise to lock it into place.

### Installing the Flash Tube



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



2. Align the 4 Flashtube pins to match the protruding rings in the Tube Socket [4] surrounding the LED Modeling Lamp [3] on the XPLOR body. Push the flash tube in firmly until it is securely seated into the socket. The flashtube can be handled without protective gloves as the outer glass shields the actual flashtube.



• Note: To avoid damage, please detach the flash tube during the transportation.

### Tilt Lock Handle



1. The Tilt Lock Handle locks the angle of the flash tilt by rotating the lever clockwise and unlocks by rotating counterclockwise, to allow for positioning of the light.



2. The handle resting angle can be set to any degree by pulling the handle away from the body, and freely rotating it to your desired position. The handle springs back to act as a locking lever when released.



## Battery Pack Module

### Features

The Flashpoint XPLOR 600Pro TTL uses an advanced 28.8v/2600mah Li-ion polymer battery with exceptional performance. The available charge-and-discharge cycles exceed 300 times.

The battery pack is designed to be reliable and safe with circuitry to prevent overcharge, deep discharge, excess current, and short circuit. It takes only 2 hours to fully charge the battery by using the standard battery charger.

### Battery Precautions

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 a dry, cool, ventilated place.
6. Do not dispose into fire or incineration.
7. Dead batteries should be disposed according to local regulations.
8. Never leave a depleted battery in storage. It's best to recharge batteries every 3 months.

### Mounting and Releasing the Battery Pack



1. To mount the battery pack, match the battery's 4 Alignment Posts with the main battery compartment's sockets on the rear of the XPLOR 600Pro.



2. Slide the battery pack down until it is securely locked in place.



1. To release the battery, first turn off the power.



2. Then, slide the Battery Release to the right while lifting the battery pack upward, out of the connection.

## Battery Level Indication

The status of the battery pack can be confirmed at any time, by pressing the Battery Status Button found on the top right of the module. When in use, attached to the XPLOR 600Pro, the battery level is displayed on the upper right corner of the LCD panel.

Battery Level Indication on the LCD Panel (Indicating battery level and management of the whole flash system)	LED Battery Level Indication on the Battery (Indicating battery level and management of non-loaded battery)	Battery Level Percentages
3 bars	1 red lights +3 green lights	75% - 100% / Fully Charged
2 bars	1 red lights +2 green lights	50% - 75% / Medium battery
1 bar	1 red light +1 green light	25% - 50% / Low battery
No bars	1 red light	3% - 25% / Depleted battery. Please recharge.
Low Battery and Charge Reminder es 	Red blinking lights, then OFF	The battery is empty. Blinks a warning for 1 minute. The flash will auto power off in 3 minutes. Note: Please recharge the battery as soon as possible (within 2 days) or you risk shortening the cell usage.

Note: Please recharge the battery as soon as possible, within 10 days, to avoid deep discharge that weakens the cell's refresh abilities and life cycle.

## Charging the Battery Pack

Simply plug the post end of the worldwide charger in the socket on the top left of the lithium battery module, under the protective cover flap.

A complete full charge takes just 2 hours. Uncouple the charger in less than 24 hours to preserve the battery operation at peak performance.

## Power Management

Long press the <ON/OFF> Power Switch for a few seconds to turn on the flash unit. The LCD Display illuminates and shows the memorized previous settings for Power, Radio Remote, Channel and Group designation. The flash is ready to use.

The XPLOR has an energy saving auto power off function. The flash will automatically power off the monolight in 30 to 120 minutes depending on your selection in the Custom Function / Standby menu. Turn off the power pack if the flash unit will not be used for an extended period. All of the current settings are stored for auto-recall when the flash is switched on again.

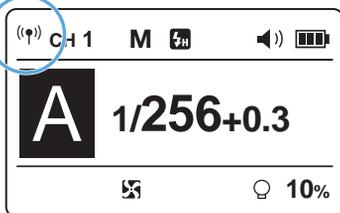
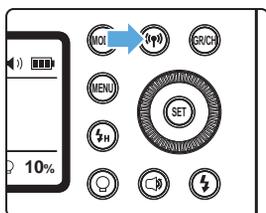
## Wireless Flash: R2 Radio 2.4Ghz Transmission

The **XPLOR 600Pro** operates primarily as a R2 wireless slave strobe, either with the XPLOR's built-in R2 wireless receiver or external R1 wireless connections. As a R2 Radio Slave unit, the XPLOR 600Pro can be linked to a Canon, Nikon, Sony, Olympus/Panasonic or Fujifilm camera system according the R2 Transmitter Master. Flashpoint R2 Streaklights, Zoom Speedlights, R2/Pro Transmitters, Zoom Mini flashes and older R2 devices can control the XPLOR 600Pro.



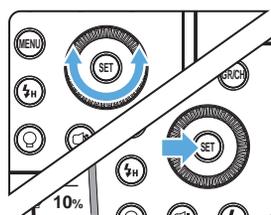
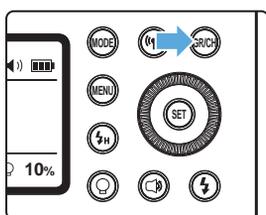
### 1. Wireless Settings

Press <((P))> Wireless Setting Button again until <((P))> is displayed on the panel.



### 2. Setting the Communication Channel

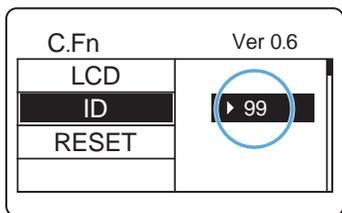
If there are other wireless flash systems nearby, you can change the channel IDs to prevent signal interference. The channel IDs of the master unit and the slave unit(s) must be set to the same.



**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.

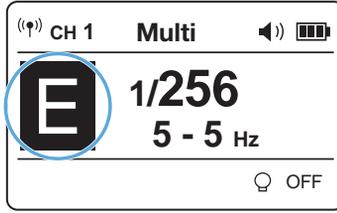
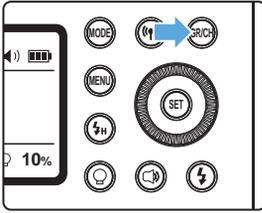


**4** Wireless ID setting: press the MENU button to enter C.Fn-ID and choose from 01 to 99 (Note: this can only be achieved when the master unit also has this function).

## Wireless Flash: R2 Radio 2.4Ghz Transmission

### 3. Setting the Communication Group

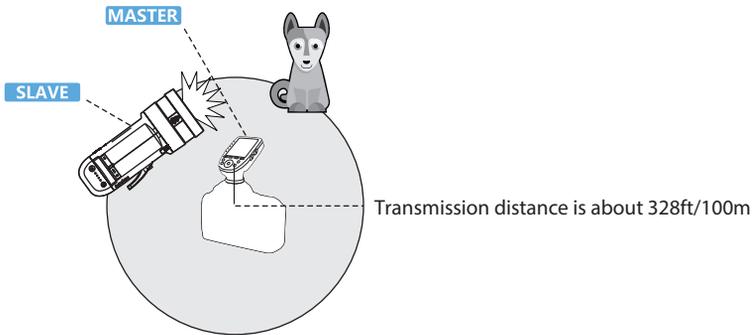
Short press the < GR/CH > Button to choose group ID from A to E.



### 4. Wireless Flash Shooting

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

- Autoflash Shooting with One Slave Unit



- Use master unit with wireless transmitting function as the transmitter end.
- Before shooting, perform a test flash and test shooting.
- The transmission distance might be shorter depending on the conditions such as positioning of slave units, the surrounding environment and whether conditions.

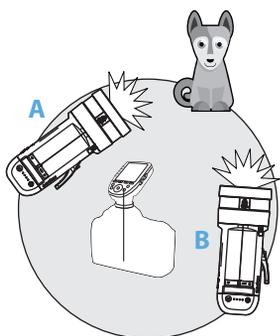
## Wireless Flash Shooting: Radio (2.4G) Transmission

### Wireless Multiple Flash Shooting

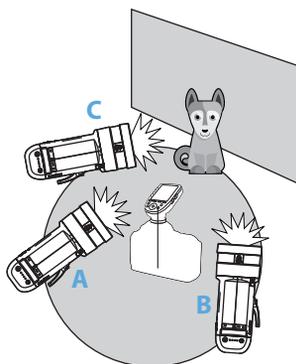
You can divide the slave units into two or three groups and perform multiframe while changing the ratio factor.

In addition, you can set and shoot with a different flash mode for each firing group.

- Shooting with Two Slave Groups



- Shooting with Three Slave Groups



### ⚠ Troubleshooting R2 2.4Ghz Wireless Conditions

#### 1. Interference by the a 2.4Ghz signal in outer environment (e.g. a wireless base station, 2.4Ghz WiFi router, Bluetooth, etc.)

→ Solution: Adjust the channel CH setting on the flash trigger (add 10+ channels) and use the channel with a clear signal. Alternatively, turn off the other 2.4Ghz devices.

#### 2. XPLOR 600Pro status conditions

**a. Solutions: Please make sure that the flash has finished its recycle or caught up with the continuous shooting speed.**

**b. Check that the flash is not in a over-heat protection state or other duress factors.**

→ c. Please lower the flash power output.

#### 3. Signal distance between the remote transmitter trigger and the flash is too close

→Solution: Turn on the "close distance wireless mode" on the flash trigger (<1.6ft / 0.5m).  
R2 series: Long press the test button and hold, then turn the flash on until the ready light blinks for 2 times.

R2 Pro series: Set the C.Fn-DIST to 0-98ft / 0-30m.

#### 4. The flash trigger and the receiver end devices are in the low battery levels

→Solution: Replace the battery. 1.5V disposable alkaline batteries are recommended for the transmitters.

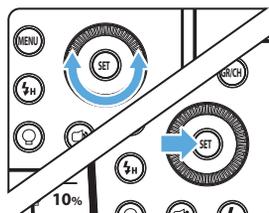
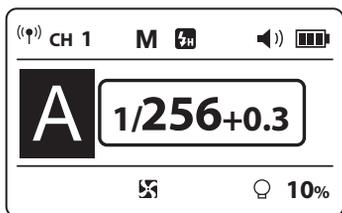
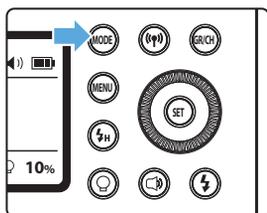
## Flash Modes

Press the Mode Selection Button <MODE> to sequentially display the two flash modes on the LCD panel with each press.

The XPLOR 600Pro flash has two flash modes: Manual (M) and Multi (Stroboscopic).

### Flash Mode M: Manual Flash

The flash output is adjustable manually from 1/1 (full power) to 1/256th power in 1/3rd stop increments. To obtain a precise 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 exposure values changes in terms of equivalent stops 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 the same exposure value when you increase the flash output to more than 1/2, 1/2+0.3, 1/2+0.7, and 1/1. The relative amount from the starting value will be displayed.

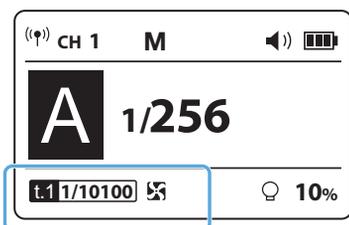
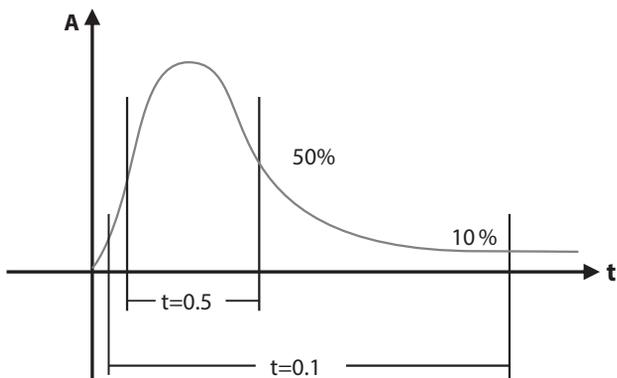
Examples of figures displayed when reducing flash output level →

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		...

← Examples of figures displayed when increasing flash output level

### Flash Duration

Flash duration refers to the length of time that from flash's firing to reach the half peak at maximum output of the light burst. The half peak at maximum is usually expressed as  $t=0.5$ . In order to provide the photographer with more concrete data, this product adopts  $t=0.1$ . 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.

## Optical Slave Triggering - S1 Setting

The Optical Slave triggers the XPLOR to fire in tandem at the speed of light, upon sensing another flash exposure. This helps in creating multiple lighting very simply. As some flashes have more than one burst, S1 Slave is to be used for non-TTL strobes producing a single flash for each exposure.

In M manual flash mode, press the <MENU> button to enter C.FN-SLAVE to choose the S1 function, so that this strobe will fire immediately as a slave, or secondary flash, 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. It provides the same effect as that by the use of R2 radio triggers without the TTL exposure link.

## Optical Slave Triggering – S2 Setting

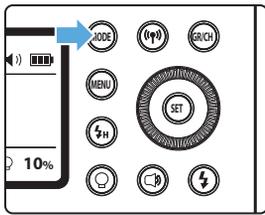
Press the <MENU> button to enter C.FN-SLAVE to choose the S2 function, so that this flash can also function as an optical slave S2, or secondary flash, for master flashes in TTL mode. They produce a single “pre-flash” that the S2 Slave setting will ignore and will only fire in response to the second, actual flash exposure, from the main unit. The S2 slave function provides the same effect as that by the use of R2 radio triggers but without the TTL exposure link. This helps in creating multiple lighting very simply.

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

## Flash Mode Multi: Stroboscopic Flash

With stroboscopic flash, a rapid series of flashes are fired. The feature can be used to capture a multiple images of a moving subject in a single photograph.

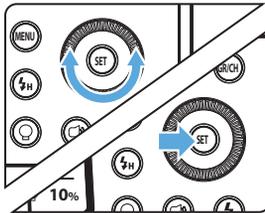
You can set the firing frequency (number of flashes per second, expressed as Hz), the number of flashes, and the flash output.



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



**2** 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 on your 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 Multi/stroboscopic flash more than 10 times in succession. After 10 times, allow the flash to rest for at least 15 minutes. If you try to use the stroboscopic flash more than 10 times in succession, the firing may stop automatically to protect the flash head. If this happens, allow the flash to rest for at least 15 minutes.

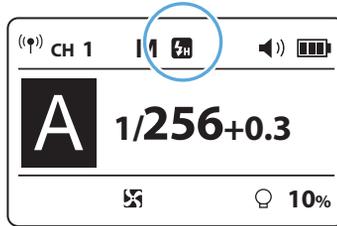
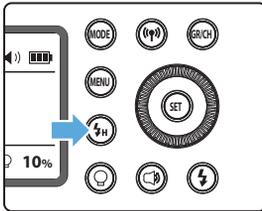
- ℹ Stroboscopic flash is most effective with a highly reflective or a subject that has strong contrast against a dark background. Use of a tripod and a remote control is recommended. A flash output of 1/1 and 1/2 cannot be set for stroboscopic flash. Stroboscopic flash can be used with "Bulb", known as "Open Flash" technique. 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 below.

## 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

## High-Speed Sync

High Speed Sync (HSS) enables the flash to synchronize with all camera shutter speeds. The sun is no longer an impediment to masterful lighting outdoors. By being able to utilize shutter speeds as well as f-stops, to control exposure, the power of the flash can overcome the presence of too much sunlight or the impact of ambient light when shooting in bright environments. This is also convenient when you want to use aperture priority for fill-flash portraits.



**1** Press High Speed Sync Button so that <img alt="High-Speed Sync icon" data-bbox="135 385 165 405"/> is displayed.

**2** Please use an R2 Pro or R2 series transmitter device.

-  If you set a shutter speed that is the same as or slower than the camera's maximum flash sync speed, <img alt="High-Speed Sync icon" data-bbox="135 485 165 505"/> 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 <img alt="High-Speed Sync icon" data-bbox="135 485 165 505"/> button again. Then <img alt="High-Speed Sync icon" data-bbox="135 485 165 505"/> will disappear.
- Multi flash mode cannot be set in high-speed sync mode.
- Over-temperature protection may be activated after 50 consecutive high-speed sync flashes.

## Stable Color Temperature Option

The function limits the maximum error of color temperature in full power to approximately +/- 75°K. To select this feature, enter MENU C.Fn-COLOR and select ON. The color temperature function is turned on and ready for Full Power color stability. When adjusting the power output from high to low in M mode, the  Flash Ready Indicator will blink, the audio beep will prompt for 10 times, indicating power bleed to stabilize the output. Press the Test Button to discharge and recycle the flash for normal balanced operation.

## Modeling Lamp

The XPLORE 600Pro is equipped with a brilliant 38W LED modeling lamp which has three modes: OFF, Percentage and PROP. Short press the Modeling Lamp Button, and the three modes will be displayed on the LCD panel in sequence.

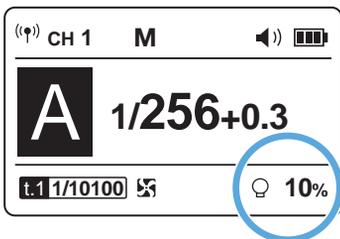
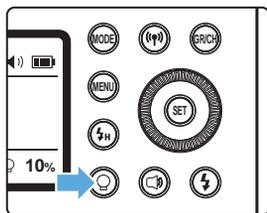
**OFF:** the modeling lamp is off.

**Variable:** Set the brightness you want, from 10%~100%. Long press the Modeling Lamp Button for 2 seconds to manually adjust the percentage of modeling lamp from 10% to 100%, with the Select Dial. The brightness level is displayed on the LCD panel.

To prevent overheating, the fan rotates at a low speed when the lamp is set to less than 20%, while a greater than 20% setting, the fan adjusts automatically to cool the monolight.

**PROP:** The modeling lamp's power changes in proportion to the flash's power. The stronger power the flash, the brighter the modeling lamp. To prevent overheating, the fan rotates in low speed under 1/128, while over 1/128, the fan adjusts automatically to cool the head.

- Long press the modeling lamp for 2 seconds to adjust the percentage of modeling lamp from 10% to 100%.



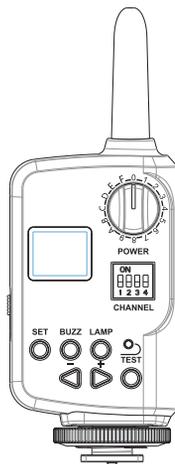
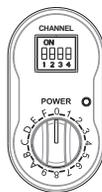
## Other Applications

### R1 Wireless Control Function

This flash unit is designed with an R1 Wireless Control Port, so that you can wirelessly adjust the power level of the flash and the flash triggering with a R1 (non R2) Flashpoint transmitters.

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 Cord Triggering

The Sync Cord Jack is a  $\Phi 3.5$ mm plug. Insert a trigger plug to the port and the other end to the sync terminal on your camera. While no data is transferred, the flash will be fired in synchronization with the camera shutter.

## Masking Feature - Unit/Alt C.Fn

### Here's How to Do It:

1. On the XPLOR 600Pro, go to the Menu button, scroll with the Select Wheel to Custom Function UNITS feature. You will see 3 values with how many Groups of lights that can be assigned firing sequence to cycle through: 2 MASK, 3 ALT, or 4 ALT.
2. Make the selection for the Groups.
3. Exit UNITS by rotating the Select Dial and highlight ALT.
4. Now, enter the ALT submenu by pressing the Set button.
5. The ALT value sets to which particular Group this XPLOR is assigned: for example, 1, 2, or 3, displayed as circles corresponding to the number of UNITS selected.
6. Make a designation by highlighting the display number, rotate the Select Wheel to change the value, and pressing Set to fix the selection. The circle related to the number value darkens with a 'bolt' symbol within.
7. Once everything is set, firing rotates through the defined Groups of lights in sequence. So, "1" UNITS lights fire first, then on the next shot, the "2" UNITS lights fire, and so on.

### Example with 2 Groups and 3 images combined in layered file:

Shot 1 / Units 1 Group



Shot 2 / Units 2 Group



Combined Layers in PS



## Umbrella Mounting

Umbrellas are easily mounted by sliding the umbrella shaft into the Umbrella holder located at the top of the Stand Adapter. The shaft is held firmly in place with a tension spring device. The umbrella is fixed properly in the clip when the umbrella shaft diameter is between 7 to 8mm.



## Setting Custom Functions / C.Fn

The **XPLOR 600 Pro** has a myriad of features that can be used for your total control through the Custom Function settings.

Custom Function Signs	Functions	Setting Signs	Settings & Descriptions	Restrictions
COLOR	Stable color temperature	ON	ON	M Non high-speed mode
		OFF	OFF	
SLAVE	S1/S2 mode selection	OFF	OFF	M mode
		S1	S1 mode	
		S2	S2 mode	
MODEL	Modeling lamp	CONT	Continuous lighting	NO
		INTER	Off after finishing the flash recycle	
STANDBY	Auto power off	OFF	OFF	NO
		30min	Auto power off without any operation	
		60min		
		90min		
		120min		
LIGHT	Backlighting time	15sec	Off in 15 sec.	NO
		OFF	Always off	
		ON	Always lighting	
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 number of flashes; ALT sets the triggering times before flash's firing	M mode
ALT	Triggering times	1-4		M mode
LCD	LCD contrast	-3 ~ +3	7 levels	
ID	Wireless ID	OFF	OFF	Wireless mode
		01-99	Choose from 01 to 99	
RESET	Parameter resetting	NO		NO
		YES	Reset	

- Press **<MENU>** Button to enter **C.Fn** menu. The "**Ver x.x**" in the top-right corner refers to the software version.
- Select the Custom Function Signs.
  - Turn the Select Dial to select the Custom Function Signs.
- 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.
- Exit C.Fn Menu.
  - Press **<MENU>** Button to exit.

# Protection Function

## 1. Over-Temperature Protection

- To avoid overheating and deteriorating the flash head, do not fire more than 75 continuous flashes in fast succession at 1/1 full power. After 75 continuous flashes, allow a rest time of at least 5 minutes.
- If you fire more than 75 continuous flashes and then fire more flashes in short intervals, the inner overtemperature protection function may be activated and make the recycling time over 10 seconds. If this occurs, allow a rest time of about 5 minutes, and the flash unit will then return to normal.
- When the over-temperature protection is started, is shown on the LCD display.

Number of flashes that will activate over-temperature protection:

Power Output Level	Number of Flashes
1/1	75
1/2 (+0.3,+0.7)	100
1/2 (+0.3)	120
1/2	150
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 HSS 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)	

## Error Messages

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

LCD Panel	Meaning
Error 1	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.
Error 3	The voltage output of the flash tube is too high. Please send this product to a maintenance center.
Error 9	There are some errors occurred during the upgrading process. Please using the correct firmware upgrade method.

## Technical Data

Model	XPLOR 600 Pro	
Wireless Slave Unit Mode	R2 Radio transmission mode (compatible with Canon, Nikon, Sony, Olympus, Panasonic and Fujifilm).	
Flash Mode	Wireless off	M/Multi
	Slave unit of radio transmission	M/Multi
Guide No.	285ft / 87m ISO 100, with high-efficiency standard reflector)	
Flash Duration	1/220 to 1/10100 seconds (T0.1)	
Power Joules	600Ws	
Power Output	9 steps: 1/256~1/1	
Stroboscopic Flash	Up to 100 times, 100Hz	
Flash Exposure Compensation (FEC)	Manual. Feb: $\pm 3$ 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	
Mask	√	
Fan	√	
Beeper	√	
Modeling Lamp (LED)	38W/4800°K/TLIC: 93	
Optical Slave Flash	S1/S2	
Flash Duration Indication	√	
Display	Dot-matrix panel	
<b>• Wireless Flash (2.4G wireless transmission)</b>		
Wireless Flash Function	Slave, Off	
Controllable Slave Groups	5 (A, B, C, D, E)	
Transmission Range (approx.)	328ft / 100m	
Channels	32 (1~32)	
Wireless ID	To avoid signal interference effectively, triggering can only be achieved when the channels and wireless IDs of the master and slave unit are set to the same.	
<b>• Power Supply</b>		
Power Supply	Lithium battery pack (28.8V/2600mAh)	
Full Power Flashes	360	
Recycle Time	Approx. 0.01-1.0s	
Battery Indicator	√	
Power Indication	Power off automatically after approx. 30~120 minutes of idle operation.	
• Sync Triggering Mode	3.5mm sync cord, wireless control port	
• Color Temperature	5600° $\pm$ 200°K	
• Stable Color Temperature Mode	Within $\pm 75^{\circ}$ K in entire power range	
<b>• Dimensions</b>		
Dimension (with battery)	10x29.6x5in / 250x245x125 mm (flash tube & reflector not included)	
Net Weight (with battery)	6lb 9oz / 3 Kg (flash tube & reflector not included)	

## Troubleshooting

Refer to this troubleshooting guide to self-service these rare circumstances when something happens that you did not expect.

**Problem:** The flash exposure is underexposed or overexposed.

**Solution 1:** You used HSS high-speed sync.

When using high-speed sync, the effective flash range is shorter due to the changes in power. Make sure the subject is within the effective flash range displayed.

**Solution 2:** You used **Manual Flash** mode without a flash meter.

Set the flash output after taking an exposure reading.

## Firmware Upgrade

The XPLOR supports firmware upgrade through the USB Port located just to the left of the Sync Port. It is important to keep the firmware up to date to assure proper operation and to add new features that may be introduced as we continue to innovate. Update information is released and made available for download on our official online Flashpoint website. Carefully follow the instructions that accompany the update.



• A USB-C connection cable necessary for the firmware updates is not included with this product.

## 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 three-year warranty.
- Unauthorized service will void the warranty.
- If the product had failures or was wetted, do not use it until it is repaired by professionals.
- Changes made to the specifications or designs may not be reflected in this manual.

## Two Year Flashpoint XPLOR 600 Limited Warranty

Flashpoint warrants to the original purchaser that your Flashpoint XPLOR 600 Pro monolight shall be free from defects in material and workmanship for the period of two (2) years 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.

**Email us:** [brands@adorama.com](mailto:brands@adorama.com)

**Call:** 212-647-9300

**Address:** 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 web site contains a wide range of Support and FAQ pages with valuable technical assistance.

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M1 Pro



R2T32



R2Pro C/N/S/F



R2T C/N/S/F