FP FLASHPOINT

eVOLV200 Pro TTL

The Modular Professional Lithium Power Flash
with Built-In R2 Radio Remote

FPLFEV200PRO

Foreword

Before using this product

Please read this user manual carefully to ensure your safety and the proper operation of this product. Keep it handy for future reference.

Thank You for Choosing Flashpoint!

The new eVOLV200 Pro TTL is not just a mighty 200 watt second, fully cordless TTL strobe, with built-in R2 2.4GHz wireless, but a leap forward on the original eVOLV200 "Pocket Flash" with interchangeable flash heads. This is the "Pro" version, with Stable Color Mode, ID Settings for Channel security, 1/10th stop precision, and advanced internal enhancements for the best portable flash experience you can imagine. The eVOLV200 Pro TTL is triggered by R2 Series on-camera and in studio flashes, in TTL/M/Multi mode, for correct flash exposure even in complex light-changing environments. This proven performer is compatible with and automatically senses Canon, Nikon, Sony, Fujifilm, Pentax, Panasonic, and Olympus systems for remote power control and shooting.

You can instantly snap in your personal shooting-style preference flash head, such as the traditional speedlite style Fresnel Head, the exciting Round Head with superior clean light spread, or choose to use to the Barebulb Head with an efficient parabolic reflector. The incredible amount of power and control in these compact and lightweight flashes, make this design the first choice of professional photographers with an eye for flexible multiple light setup.

The eVOLV200 Pro TTL has a max recycle time of under 2 seconds and enough energy to cover at least 500 full power shots. That gives more flexibility and instant solutions for multiple off-camera lighting while maintaining all of the investment in light modifiers for the Streaklight, and the Round Head with a magnetic mounting ring.

The lithium 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.

With a focus on portable lighting, the R2 Family frees your camera to go out and shoot at will - whether you are a wedding or event photographer, environmental portraiture shooter, freelance commercial illustrator, photojournalist, a backpack adventurer, or fast action sports snapper. There are Flashpoint strobes to solve your portable and studio-bound imaging challenges and a dedicated range of light shaping accessories to simplify and satisfy any challenge.

Features of The eVOLV200 Pro TTL

Lightweight and portable. The greatest power in the most compact form, precluding the need for cords and AC powered strobes. Produces up to 200ws, as much as 3 times more potent than speedlites in the same footprint.

Built-in R2 2.4GHz wireless radio TTL system. Fully supports the TTL/M/Multi functions of Canon, Nikon, Sony, Fujifilm, Pentax, and Panasonic/Olympus operating on the R2 2.4GHz wireless family TTL system. Camera signals are automatically sensed by the eVOLV200 Pro and switch systems without user intervention. All R2 Family radio transmitted functions are received for up to 330 feet from any R2 transmitter.

Studio quality interchangeable modular flash heads.

Fresnel Head: Standard bar flash tube design with coverage of a smooth 35mm Fresnel lens spread. Incorporates a 20W LED modeling lamp. Accepts a barndoor with grids for accent lighting and the ability to control light spill and flare, plus magnetized color gels for special effects. Fresnel speedlite flash head GN 170(ft) / 52(m) ISO 100.

Bare Flash Tube: Pro-quality 360-degree Barebulb flash tube which accepts all modifiers and accessories from the Flashpoint Streaklight. Bare bulb flash head in reflector GN 197(ft) / 60(m) ISO 100.

High Speed Sync. The answer for using flash to control strongly lit sun-drenched subjects and fill-flash even when shutter speeds exceed the standard sync your camera manufacturer recommends for proper sync. IGBT firing allows for shorter flash durations, 1/8000s high-speed sync flash, and TTL.

Sharp LCD panel. Super clear high-contrast info center and convenient display of all functions, flash state and warnings.

Interchangeable Battery Power. Replaceable long-life Lithium, 14.4V/2900mAh power module, with 0.01- 2.1s recycling and at least 500 full power flashes.

Sync options. Use R2 wireless radio, trigger as slave optically, or with a standard 3.5mm sync cord connected to your camera.

9 stop range. Expanded range of power adjusts from full to 1/256 in 1/10th stop increments.

Stable Color Mode. 5600°±100°K color temperature at over the entire power range.

2 way stand mount. Improved no-twist tilt head with an umbrella mount to perch on top of any lightstand, grip or support with a 5/8" stud.

For Your Safety

1. Always keep this product dry. Do not use in the rain or damp conditions.
2. 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, send this product to an authorized maintenance center.
3. Stop using this product if it breaks open due to extrusion, falling or strong hit. Otherwise, electric shock may occur if you touch the electronic parts inside it.
4. Do not use the flash unit in the presence of flammable gases, chemicals, and other similar materials. In certain circumstances, these materials may be sensitive to the intense light emitting from this flash unit and fire or electromagnetic interference that may result.
5. Do not leave or store the flash unit if the ambient temperature reads over 120°F/50°C (e.g., in sun-drenched automobile). Otherwise, the electronic parts may be damaged.
6. Do not use any power supply other than the included one to charge the battery.
7. Do not insert metal parts into any lighting equipment.
8. Do not touch the electrical contacts on the strobe or battery or contact them with any conductive materials.
9. Do not fire the flash directly into the eyes (especially those of babies) within short distances. Otherwise, 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.
10. This strobe has an overheat protection circuit. Rapid continuous firing will causes the strobe to recycle slowly and trigger a "cool down" period. After this period, the strobe resumes normal operation. You may also accelerate the process by cycling the power off and then on.
11. The strobe has a locking mechanism to ensure secure operation. To avoid damage, slide the release before removing any reflectors or accessories.
12. 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.

Contents

Conventions used in this Manual

• This manual is based on the assumption that both the camera and camera flash's power switches are powered on.

• Reference page numbers are indicated by "p.**".
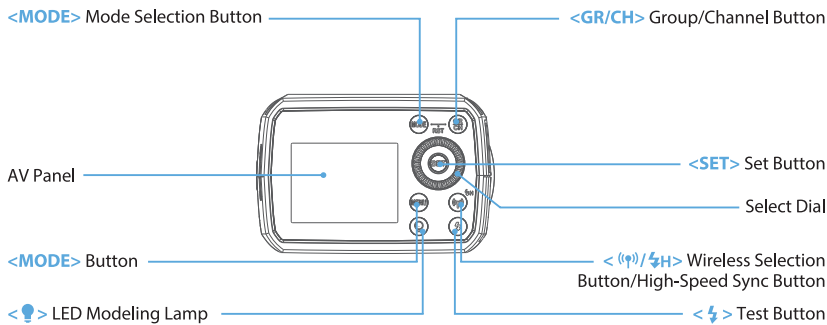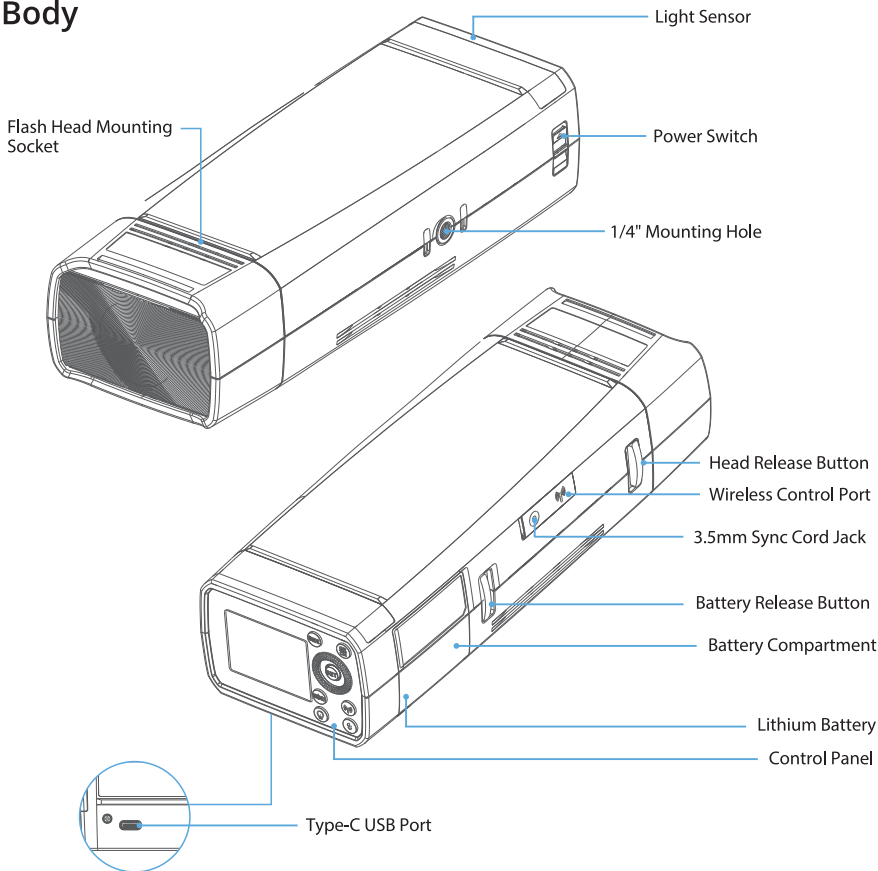
• The following alert symbols are used in this manual:

⚠ The Caution symbol indicates a warning to prevent shooting problem.

🛈 The Note symbol gives supplemental information.

Name of Parts

Body

Light Sensor

Flash Head Mounting Socket

Power Switch

1/4" Mounting Hole

Head Release Button

Wireless Control Port

3.5mm Sync Cord Jack

Battery Release Button

Battery Compartment

Lithium Battery

Control Panel

Type-C USB Port

\<MODE\> Mode Selection Button

\<GR/CH\> Group/Channel Button

AV Panel

\<SET\> Set Button

Select Dial

\<MODE\> Button

\< ((•)) / ⚡H \> Wireless Selection Button/High-Speed Sync Button

\< 💡 \> LED Modeling Lamp

\< ⚡ \> Test Button

Control Panel

Flash Head

Speedlite flash head:

Heat Dissipation Hole

Head Mounting Socket

Modeling Lamp (LED)

Optical glass

Modeling Lamp (LED)

Heat Dissipation Hole

Bare bulb flash head:

Accessory Locking Ring

Tube Socket

Accessory Mount

Flash Head
Mounting Socket

Flash Tube

AV Panel

(1) AV Panel

Channel

Wireless

TTL

Multi

Color Temperature Mode

: HSS

Battery Level

Group

Flash exposure compensation amount

C.Fn

t0.1

sec

min

Hz

Flash frequency
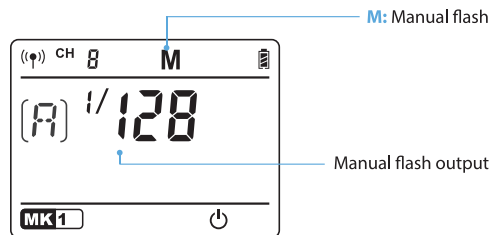
Mask

High temperature warning
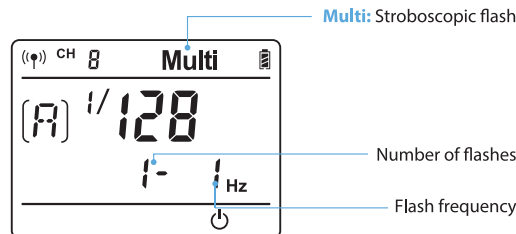
Modeling lamp (LED)

Time

Standby

Tone

S1/S2

ⓘ • The display will only show the settings currently applied.
• The functions displayed above function buttons 1 to 4, such as SYNC and ⚡± ,
 change according to settings' status.
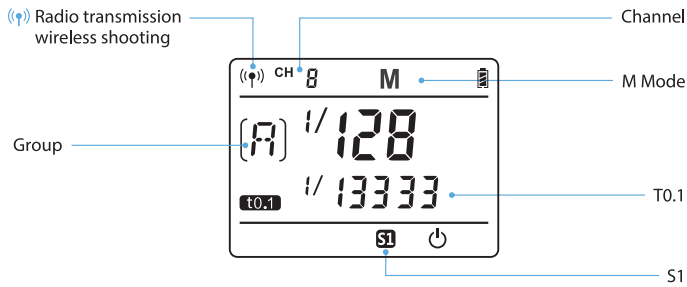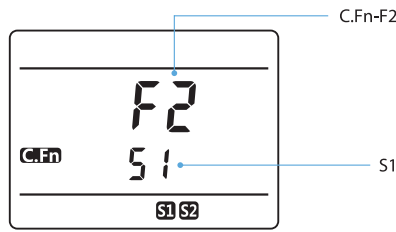• When a button or dial is operated, the AV panel illuminated.

(2) M Manual Flash

M: Manual flash

Manual flash output

(3) Multi Flash

Multi: Stroboscopic flash

Number of flashes

Flash frequency

(4) Radio Transmission Shooting

Radio transmission wireless shooting

Channel

CH **8** **M**

M Mode

Group

(A) 1/ **128**

t0.1 1/ **13333**

T0.1

S1

S1

• S1/S2

C.Fn-F2

F2

C.Fn **51**

S1

S1 S2

Included Accessories

(1) Speedlite flash head   (2) Bare bulb flash head   (3) Stand Adapter   (4) Battery charger

(5) Lithium battery pack   (6) Case   (7) Instruction manual

1   2   3   4   5   6

Optional Accessories

Your Flashpoint eVOLV200 Pro can be used in combination with the following accessories, sold separately. Flashpoint eVOLV 200 Round Flash Head, Flashpoint XP-200 V2 Portable 200ws Extension Flash Head, Flashpoint eVOLV Twin Head - Bowens Mount, Flashpoint Pouch, Flashpoint eVOLV 200 USB Charger, R2 Wireless R2 Pro and R2T Mark II Flash Triggers, R1 Remote Control, Softbox, Beauty Dish, Hexapop/Parapop Softboxes, Snoots, Light Stands, and the whole Glow line of light modifiers available at Adorama.com.

Round Head: The softest, smoothest delivery of flash with a truly round 200ws tube. Equipped with a 4.3W LED Modeling Lamp and Magnetic Ring for instant mounting of a full range of modifiers. Round Head GN 130(ft)/40(m) ISO 100.
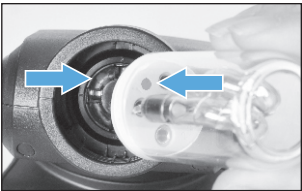
Operation

Bare Bulb Head Setup
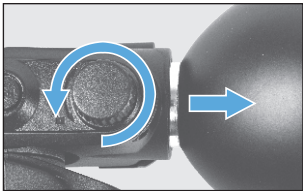
1. Remove the reflector or other accessories from the flash head.
2. Match the red dot on the base of the flash tube with the red dot in the Tube Socket (4). Push the flash tube in until it is securely seated into the socket.

Lithium Battery

Features

1. This eVOLV200 Pro uses Lithium-Ion polymer battery with a long runtime. The approximated charge-and-discharge times are 500.
2. The battery is reliable and safe. Internal circuits protect against shorts and voltage irregularities.
3. The cells only require 4 hours to fully charge the battery using the standard battery charger.

Cautions:

• Do not short circuit.

• Do not expose to rain or immerse into water. This battery is not water proof.

• Keep out of reach of children.

• Avoid 24 hours of continuous charging.

• Store in dry, cool, ventilated places.

• Do not dispose in fire or incinerate.

• Dead batteries should be diaposed according to local reglations.

• Long time not to use, please charge it to 60% and then placed.

• Never leave a depleted battery in storage. It is best to recharge batteries every 3 months.

Battery Level Indication

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

Battery Level Indication on the AV Panel	Meaning
3 grids	Full battery
2 grids	Medium battery
1 grid	Low battery
Blank grid	Weak battery, please recharge it.
Blinking	The battery level is depleted. The flash will auto power off in 1 minute. Note: Please recharge the battery as soon as possible (within 10 days).

Power Management

ON/OFF Power Switch controls the power of the flash unit. Turn the power off if the flash unit will not be used for an extended period. When The eVOLV200 Pro automatically goes into STANDBY mode after 30/60/90 minutes of no activity, with the length of time to user choice. Use C.Fn. F3 to select the STANDBY period.

Modeling Lamp

The included Fresnel Head and the optional Round Head have a modeling lamp function, it will automatic turn off after 30 minutes. Short press the modeling lamp button to control the modeling lamp.

Wireless Flash Mode

The eVOLV200 Pro can only be set as slave unit (receiver end). Short press the Wireless Selection Button to select the radio transmission function.

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

Flash Mode — TTL Autoflash

This flash has three flash modes: TTL, Manual (M), and Multi (Stroboscopic). In TTL mode, the camera and the flash will work together to calculate the correct exposure for the subject and the background. In this mode, multiple TTL functions are available: FEC, FEB, FEL, HSS, second curtain sync, modeling flash, control with the camera's menu screen.

* Press **< MODE >** Mode Selection Button and three flash modes will display on the AV panel one by one with each press.
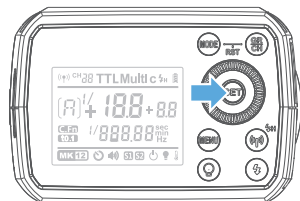
TTL Mode

Press **< MODE >** Mode Selection Button to enter TTL mode. The AV panel is displayed **<TTL>**.

FEC: Flash Exposure Compensation

With the FEC function, this flash 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.
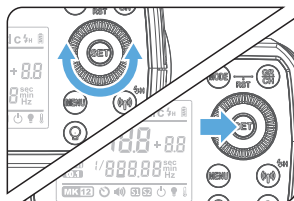
Setting FEC:

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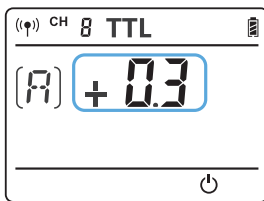
2 Set the flash exposure compensation amount.
- Turn the Select Dial to set the amount.
- "0.3"means 1/3 stop. "0.7"means 2/3 stop.
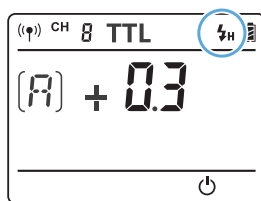- To cancel the flash exposure compensation, set the amount to "+0".

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

High-Speed Sync

High Speed Sync (HSS) enables the flash to synchronize with all camera shutter speeds. This is convenient when you want to use aperture priority for fill-flash portraits.
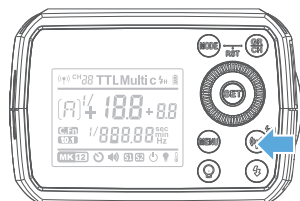
**1** Long Press Function Button **<☼/⚡H>** for 2 seconds so that **< ⚡H >** is displayed.

2 Please use an R2 family device or transmitter to trigger.

> ⓘ • With high-speed sync, the faster the shutter speed, the shorter the effective flash range.
> • Multi flash mode cannot be set in mode.
> • Over-temperature protection may be activated after 20 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 1/10th stop increments. To obtain a correct flash exposure, use a hand-held flash meter to determine the required flash output.
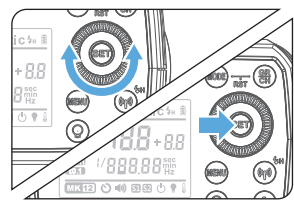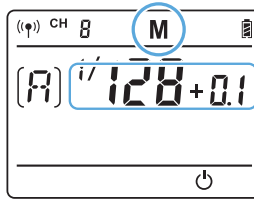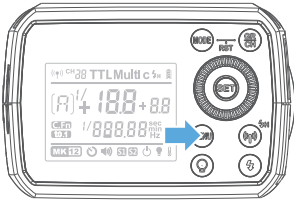
## Optic S1 Secondary Unit Setting

In M manual flash mode, press the **<MENU>** button to enter C.FN-F2 to choose S1 function, so that this flash can function as an optic S1 secondary flash with optic sensor. With this function, the flash will fire synchronously when the main flash fires, the same effect as that by the use of radio triggers. This helps create multiple lighting effects.

Optic S2 Secondary Unit Setting

Press the **<MENU>** button to enter C.FN-F2 to choose S2 function, so that this flash can also function as an optic S2 secondary flash with optic sensor in M manual flash mode. This is useful when cameras have pre-flash function. With this function, the flash will ignore a single "preflash" from the main flash and will only fire in response to the second, actual flash from the main unit.
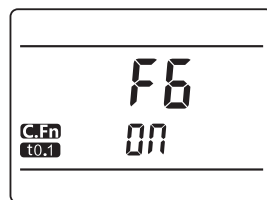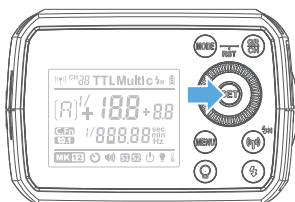
Display Flash Duration

Flash duration refers to the length of time that 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 product adopts t = 0.1. The difference between t = 0.5 and t = 0.1 is shown in the following picture.
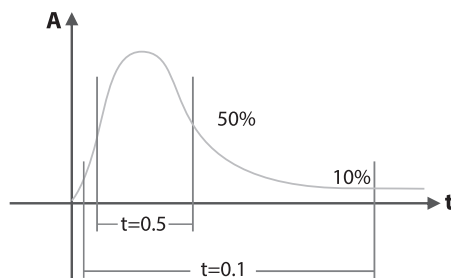
Display Flash Duration Operation:

1. Press the **< MENU >** button to enter C.FN function.
2. Adjust the Select Dial to F6, the t0.1 icon will be displayed on the AV panel.
3. Press **< SET >** button to enter the adjustment condition.
4. Turn the Select Dial to choose the ON/OFF.

> ⓘ • The flash duration will only be displayed on the AV panel in M mode.

Stable Color Temperature Function

When use this function, the color temperature changes within ±100K over the entire power range: enter MENU C.Fn-08 and set it as ON. When adjusting the power output from high to low in M mode, the Flash Ready Indicator will blink (the audio tone will alarm for 1 minute). To release the excess charge quickly, press the Test Button to discharge, and the flash can be used as normal with the Stable Color Temperature function.

• This function can only be supported in M non-high-speed mode.
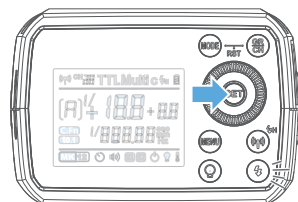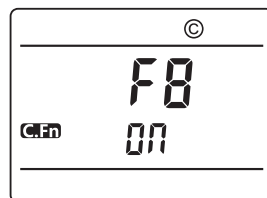
Flash Mode — Multi: Stroboscopic Flash

With stroboscopic flash, a rapid series of flashes is fired. It can be used to capture a multiple images of a moving subject in a single photograph. You can set the firing frequency (number of flashes per sec. expressed as Hz), the number of flashes, and the flash output.
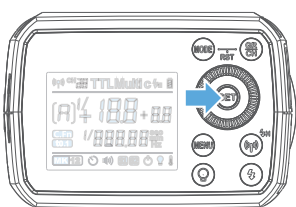
1 Press **< MODE >** button so that **< MULTI >** is displayed.

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 frequency. Turn the Select Dial to set the number.
- Press **< SET >** button to select the flash times. Turn the Select Dial to set the number.
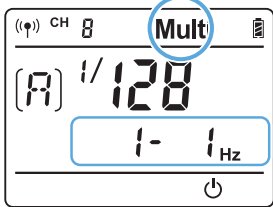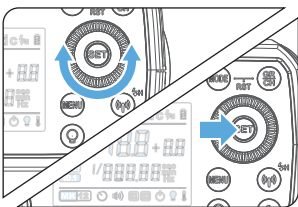- After finish the setting, press **< SET >** button and all the settings will be displayed.

Calculating the Shutter Speed

During stroboscopic flash, the shutter remains 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 camera flash to rest for at least 15 minutes. If you try to use the stroboscopic flash more than 10 times in succession, the firing might stop automatically to protect the flash head. If this happens, allow at least 15 minutes' rest for the camera flash.

> ⓘ • Stroboscopic flash is most effective with a highly reflective subject against a dark background.
> • Using a tripod and a remote control is recommended.
> • A flash output of 1/1 and 1/2 cannot be set for stroboscopic flash.
> • Stroboscopic flash can be used with"BULB".
> • If the number of flashes is displayed as "–", the firing will continue until the shutter closes or the battery is exhausted. The number of flashes will be limited as shown by the following table.

Maximum Stroboscopic Flashes:

Flash Output \ Hz	1	2	3	4	5	6-7	8-9	10	11	12-14	15-19	20-50	60-99
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 1/256	90	90	90	90	90	90	80	70	70	60	50	40	40

Wireless Flash Shooting

The eVOLV200 Pro TTL 2.4GHz Wireless R2 flash, connects to the whole family of R2 transmitters and speedlights for R2 Canon E-TTLII, Nikon iTTL, Sony, Fujifilm, Pentax and Olympus/Panasonic TTL systems. The flash responds instantly to match the various transmitter's camera system without user intervention. Different camera systems signals can be used on the same channel simultaneously, without failing to sync TTL properly.

One Remote to Rule Them All.

As a slave unit, the Flashpoint eVOVL200 Pro can be controlled by the following R2 master units: Flashpoint Streaklight 360 TTL, Zoom Li-on Series, Zoom Manual's, Zoom Mini's, and the Ml Pro flashes, plus the R2 Pro and R2T series transmitters; Godox AD36011 series, TT685 series, V86011 series, XPro series, Xl-T series, TT600 series, and TT350 series.

1. Wireless Settings

Press the wireless selection button to switch wireless function ON/ OFF.
Turn the wireless function on, the $<{}^{((\bullet))}>$ icon will be displayed on the AV panel.
When using the FT-16 remote control or others trigger, please turn off the wireless function.
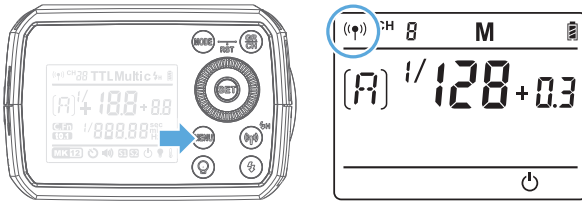
2. Setting the Communication Channel

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.
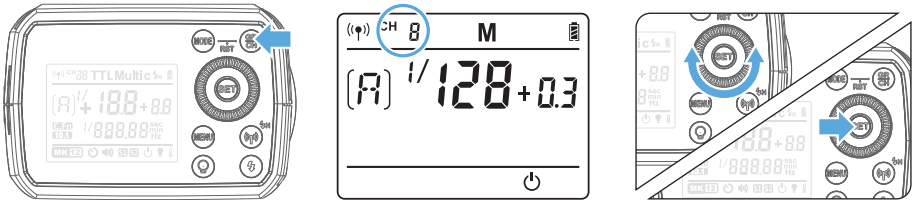
1 Long press the **< GR/CH >** Button for 2 seconds, so that the icon will be displayed on the AV panel.

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.

4. Wireless ID Settings

Press the MENU button to enter C.Fn to choose OFF or any figure from 01-99.
Note: This can only be used when the master unit possesses the wireless ID function.

F 7

C.Fn **10**

Positioning and Operation Range

(Example of wireless flash shooting)
• Autoflash Shooting with One Slave Unit
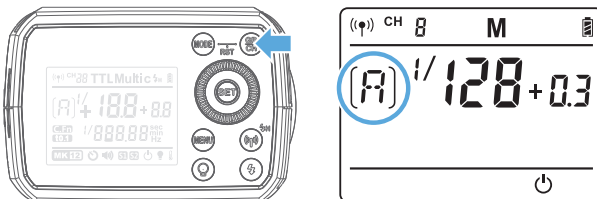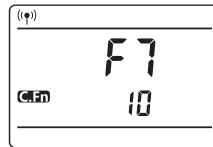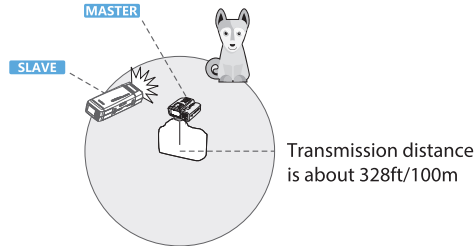
MASTER

SLAVE

Transmission distance is about 328ft/100m

ℹ️ • Use the supplied stand to position the slave unit.
• 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 weather conditions.
• If the flash does not fire consistently due to interference from other sources. Please change the wireless communication channel.

Wireless Multiple Flash Shooting

You can divide the slave units into two or three groups and perform TTL autoflash while changing the flash ratio(factor). In addition, you can set and shoot with a different flash mode for each firing group, for up to 5 groups.

• **Auto Shooting with Two Slave Groups**

A
B
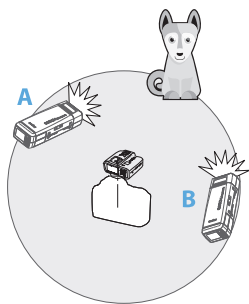
• **Auto Shooting with Three Slave Groups**

C
A
B
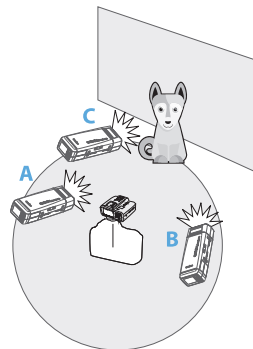
ℹ️ When using the eVOLV200 Pro and R2 series triggers together, the R2 device can control the flash function such as:
• Flash Mode: TTL, M, Multi   • Sync Mode: First-curtain sync, second-curtain sync and High-speed sync
• Control the power level   • Modeling Lamp turn on or off   • Audio Tone turn on or off

C.Fn: Setting Custom Functions

The following table lists the available and unavailable custom functions of this flash.

Custom Function Signs	Functions	Setting Signs	Settings & Descriptions	Restrictions
F1	Audio Tone	ON	ON	NO
		OFF	OFF	
F2	S1/S2 mode selection	OFF	OFF	M mode
		S1	S1 mode	
		S2	S2 mode	
F3	Auto standby	OFF	OFF	NO
		30 min	Auto standby	
		60 min	without	
		90 min	any operation	
F4	Delay flash	OFF, 0.01~30s	Can be triggered as second curtain	M/Multi mode
F5	Mask	OFF	OFF	M mode
		N1	ON: Trigger 2 times for 1 cycles, 1th flash of trigger	
		N2	ON: Trigger 2 times for 1 cycles, 2th flash of trigger	
F6	t0.1 display	ON	Display	M mode
		OFF	Not display	
F7	ID Setting	OFF	OFF	Wireless mode
		01-99	Choose any figure from 01-99	
F8	Stable Color Temperature Mode	OFF	OFF	M non-high-speed mode
		ON	ON	

1. Press the < MENU > button to enter the C.Fn meun.

2. Select the custom function No.
   • Turn the Selection Dial to select the custom function No.

3. Change the setting
   • Press < SET > button and the Setting No. blinks.
   • Turn the Select Dial to set the desired number. Press < SET > button will confirm the settings.

4. Exit C.Fn menu
   • Press < MENU > button to exit.

Other Applications

Wireless Control Function

The flash unit is built in with a 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 FT-16 remote control set (on-camera and on-flash). Insert its receive end into the Wireless Control Port on the flash and insert the transmit end into the camera hot shoe. Settings made on the hotshoe-mounted transmit and receive ends 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 transmit end at hand to control your off-camera flash.

> ⓘ • For full instructions on the use of FT series remote control, see its user manual.
> • Turn off the eVOLV200 Pro wireless function.
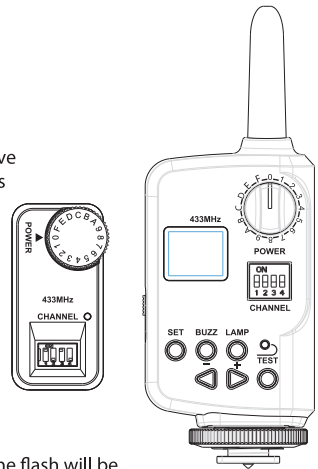
Sync Triggering

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

Protection Function

1. Over-Temperature Protection

• To avoid overheating and deteriorating the flash head, do not fire more than 40 continuous flashes in fast succession at 1/1 full power. After 40 continuous flashes, allow a rest time of at least 10 minutes.

• If you fire more than 40 continuous flashes and then fire more flashes in short intervals, the inner over-temperature protection function may be activated and make the recycling time over 10 seconds. If this occurs, allow a rest time of about 10 minutes, and the flash unit will then return to normal.

• When the over-temperature protection is started, 🌡 is shown on the AV display.

Number of flashes that will activate over-temperature protection:

Power Output Level	Number of Flashes	
	Speedlite flash head	Bare bulb flash head
1/1	40	60
1/2+0.7	50	80
1/2+0.3	60	100
1/2	75	120
1/4(+0.3,+0.7)	100	150
1/8(+0.3,+0.7)	200	200
1/16(+0.3,+0.7)	300	300
1/32(+0.3,+0.7)	500	500
1/64(+0.3,+0.7)	1000	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	
	Speedlite flash head	Bare bulb flash head
1/1	20	50
1/2(+0.3,+0.7)	30	60
1/4(+0.3,+0.7)	50	75
1/8(+0.3,+0.7)	75	100
1/16(+0.3,+0.7)	80	150
1/32(+0.3,+0.7)	100	200
1/64(+0.3,+0.7)		
1/128(+0.3,+0.7)		
1/256(+0.3,+0.7)		

2. Other Warnings

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

Prompts on LCD Panel	Meaning
E1	A failure occurs on the recycling system so that the flash cannot fire. Please restart the flash unit. If the problem still exists, please send this product to a maintenance center.
E2	The system is overheated. Please allow a rest time of 10 minutes.
E3	The voltage 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.

MASK - Custom Function 5

The MASK Custom Function 5, adds the power of creating photographic digital masks that can be used in layers within photo editing software, to mask subjects, isolating them from backgrounds without the use of specialized computer-based post-production techniques. A great time saver.

You need to establish the link from the transmitting R2 Rapid or XPLOR 600 Custom Function corresponding to the MASK feature. The concept is simple, while one set of flashes fire for the main subject, the other set flashes immediately after in sequence to make 2 different exposures. The execution is precise when you follow the linking process on each flash, assigning the N1 or N2 designation as needed.

There are two settings for the Custom Function on the eVOLV200 Pro.

N1: Mask function is on: when the camera fires 2 shots rapidly, the units linked will trigger on the first shot.

N2: Mask function is on: when the camera fires 2 shots rapidly, the linked units trigger on the second shot.

> ℹ️ • A USB cord is not included in this product.
> • The firmware upgrade is performed using the Flashpoint F3 interface. Please download and install the "Flashpoint F3 firmware upgrade software" before upgrading. Install the related firmware file.

Technical Data

Model	AD200Pro	
Wireless Slave Unit Mode	Radio transmission mode - compatible with Canon, Nikon, Sony, Fujifilm, Olympus, Panasonic and Pentax camera systems	
Flash Mode	Wireless off	M/Multi
	Slave unit of radio transmission	TTL/ M/Multi
Compatible Cameras under Radio Transmission (as slave unit)	Nikon cameras (R2-N as master unit)	
	Canon EOS cameras (R2-C as master unit)	
	Sony cameras (R2-S as master unit)	
	Fujifilm cameras(R2-F as master unit)	
	Olympus and Panasonic cameras(R2-O as master unit)	
Guide No. (1/1 Output)	Speedlite flash head: 170ft / 52m [100ISO @35mm]	
	Bare bulb flash head: 197ft / 60m [100ISO with S2 standard reflector @28mm	
Flash Duration t.01 (approx.)	Speedlite flash head: 1/220 to 1/15380 seconds	
	Bare bulb flash head: 1/220 to 1/13510 seconds	
POWER	200ws	
Power Output	9 steps: 1/256~1/1	
Stroboscopic Flash	Provided (up to 90 times, 99Hz)	
Flash Exposure Compensation (FEC)	Manual. FEB: ±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	√	
Audio Tone	√	
Modeling Lamp (LED)	√	
Optic Slave Flash	S1/S2	
Flash Duration Indication	√	
Stable Color Temperature Mode	Change within ±100K over the entire power range in color temperature mode.	
Standby	Power standby automatically after approx. 30 minutes of idle operation.	
Direct Sync	3.5mm sync line, Wireless control port	
Color Temperature	5600±200k	
Wireless Flash (2.4GHz transmission)		
Wireless flash function	Slave, Off	
Controllable slave groups	5 (A, B, C, D, and E)	
Transmission range (approx.)	328ft / 100m	
Channels	32 (1~32)	
ID	01~99	
Power Supply		
Power Supply	Lithium battery pack (14.4V/2900mAh)	
Full Power Flashes	500	
Recycle Time	Approx. 0.01-1.8s	
Battery Indicator	√	
Dimensions		
Dimension	6.8 × 2.1 × 2.9in / 172 × 54 × 75mm (flash head not included)	
Net Weight	20.8oz / 590g (flash head & battery not included)	

Firmware Upgrade

> ℹ️ • USB connection line is not included in this product. The USB port is a Type-C USB socket.Type-C USB connection line is applicable.
>
> • As the firmware upgrade needs the support of Flashpoint F3 software, please download and install the "Flashpoint F3 firmware upgrade software" before upgrading. Then, choose the related firmware file.
>
> • Keep the eVOLV200 Pro firmware up-to-date. Check the Flashpoint Download Center for the latest version of firmware.

Maintenance

• Shut down the device immediately should abnormal operation be detected.
• Avoid sudden impacts and the product should be cleaned regularly.
• It is normal for the flash tube to be warm when in use. Avoid continuous flashes if unnecessary.
• Maintenance of the flash must be performed by our authorized maintenance department which can provide original 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 fails or was exposed to moisture, do not use it until it is repaired by professionals.
• Changes made to the specifications or designs may not be reflected in this manual.

One Year Flashpoint Limited Warranty

Flashpoint warrants to the original purchaser that your Flashpoint eVOLV200 Pro shall be free from defects in material and workmanship for the period of one (1) year from the date of purchase (or delivery as may be required in certain jurisdictions), or thirty (30) days after replacement, whichever comes later.

Flashpoint's entire liability and your exclusive remedy for any breach of warranty shall be, at Flashpoint's option, to repair or replace the hardware, provided that the hardware is returned to the point of purchase or such other place as Flashpoint may direct with a copy of the sales receipt or dated itemized receipt. Flashpoint may, at its option, replace your product, offer to provide a functionally equivalent product, or repair any product with new, refurbished or used parts as long as such parts are in compliance with the product's technical specifications. Any replacement hardware product will be warranted for the remainder of the original warranty period or thirty (30) days, whichever is longer, or for any additional period of time that may be applicable in your jurisdiction. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover problems or damage resulting from accident, abuse, misapplication, or any unauthorized repair, modification or disassembly, improper operation or maintenance, normal wear and tear, or usage not in accordance with product instructions or connection to improper voltage supply, use of consumables, such as replacement batteries, not supplied by Flashpoint, except where such restriction is prohibited by applicable law.

Except where prohibited by applicable law, this warranty is nontransferable and is limited to the original purchaser and the country in which the product was purchased. This warranty gives you specific legal rights, and you may also have other rights, including a longer warranty duration that may vary under local laws.

To start a warranty claim contact the Flashpoint Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Flashpoint, along with the RMA number and proof of purchase.

Question About Our Product Line? Need Product Support?

We are proud of our products and celebrate our customers. We are with you, from product selection to everyday use. Be secure with your purchase and reach us as you need.

Email us: 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 for personal technical support. Our web site contains a wide range of Support and FAQ pages with valuable technical assistance.

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