GODOX PHOTO EQUIPMENT CO.LTD

TTL Li-ion Round Head Camera Flash

V1Pro C

Important safety tips

This product belongs to professional photography equipment and requires professional personnel to operate and use it.

The following basic safety precautions must be observed when using:

All transportation protective materials and packaging on the product must be removed before use.

Before using this product, please carefully read and fully understand the product manual, and strictly follow the safety instructions in the manual. Otherwise, it may lead to safety hazards such as death, serious injury, product damage, or other property losses.

2. This product is a professional lighting fixture and is prohibited for children to use. When children approach, adults must closely supervise to prevent children from colliding with lighting fixtures or using them without

permission, which may cause personal injury.

3. This lamp is not a regular lamp and cannot be used for regular lighting. Anyone who has experienced eye damage or eye sensitivity should avoid using this lamp or looking directly at it.

4. Care must be taken when using, and contact with high-temperature components such as flash tubes is strictly prohibited to avoid burns.

5. Under no circumstances should the flash be directly aimed at the human eye (especially the eyes of infants), otherwise it may cause visual impairment in a short period of time. If you feel discomfort in your eyes, immediately turn off the lights, stop using them, and seek medical attention in a timely manner.

6. It is strictly prohibited to use damaged equipment or accessories, and must wait for professional maintenance personnel to inspect and repair them Only after confirming that the device is functioning properly can it continue to be used.

7. During use, if the product's shell ruptures due to falling, squeezing, or strong impact, it should be immediately stopped from use to avoid contact with internal electronic

components and electric shock injury.

8. This device is not waterproof, please keep it dry and not immerse it in water or other liquids; It should be installed in a ventilated and dry location to avoid use in rainy, humid, dusty, or overheated environments. Don't setPlace items above or allow liquid to flow into the interior to prevent danger.

9. Please do not disassemble this product without authorization. If the product malfunctions, it must be inspected and repaired by our company or authorized maintenance personnel.

Before storing the equipment, please ensure that it has completely cooled down.

11. Do not place the equipment near flammable volatile solvents such as alcohol, gasoline, or gases such as methane, ethane, etc.

12. This equipment is prohibited from being used or stored in environments with explosive hazards.

13.During and after operation, the distance between the equipment lamp holder and users and other personnel, as well as thermal or combustible materials, must always be maintained at least 1 meter.

14. Do not use accessories that are not approved by our company to avoid fire, electric shock, or personal injury.

15. When cleaning the equipment, please gently wipe it with a dry soft cloth and do not use a damp cloth, otherwise it may damage the equipment.

16. This user manual is based on strict testing and is subject to design and specification changes without prior notice. You can log in to our official website to view the latest electronic version of the user manual and learn about the latest product information.

17. The product is powered by a lithium battery. This type of lithium-ion battery has a limited lifespan and will gradually lose its storage capacity, which is irreversible. When the battery ages, the product's battery life will decrease. The expected service life of lithium-ion batteries is 2-3 years. Please regularly check the battery condition, If the charging time significantly increases or the battery life significantly decreases, please consider replacing the battery with a new one.

18. The product is equipped with a lithium battery, and its storage recommendations are as follows: Before storage, charge and discharge the battery to approximately 50% of

its capacity; Charge at least once every 6 months to approximately 50% of the battery capacity; Removable batteries should be stored separately; The storage temperature is within the range of 0 ° C to 40 ° C.

19. Precautions for using lithium batteries:

Do not disassemble, crush or puncture the battery;

The battery does not have waterproof function, do not immerse the battery in fog or water;

Avoid short circuiting battery contacts;

Do not approach or place the battery in a fire;

Do not expose the battery to high temperatures above 60 ° C;

Keep the battery out of reach of children;

Prevent the battery from being subjected to excessive shock or vibration; Do not use damaged batteries;

If the battery leaks, please avoid contact with leaked liquid;

If the eyes come into contact with battery liquid, immediately rinse with water for at least 15 minutes, lift the eyelids until there are no signs of liquid, and seek medical attention in a timely manner.

Before handling any batteries, please confirm and comply with relevant local laws and regulations.

The warranty period for the entire equipment is one year. Consumables (such as batteries), adapters, power cords, and other accessories are not covered by the warranty.

22. Unauthorized repairs will disqualify the warranty and require payment of repair fees.

23. Please promptly check the battery status and battery level upon receiving the lithium battery. If there are any quality issues, please contact Shenniu or its authorized dealer within the warranty period.

24. Malfunctions caused by improper operation are not covered by the warranty.

Preface

Thank you for purchasing Shenniu products.

The set-top flash V1Pro C is suitable for Canon EOS series cameras and is compatible with E-TTL II dynamic flash. By using the E-TTL flash, you will have a simpler shooting experience. In complex light changes, you can easily obtain accurate flash exposure and shoot with ease.

Main features

The round head reflective cup design achieves uniform and soft light effects while creating more creative light effects;

2W LED styling light with 1-10 brightness adjustments, providing supplementary lighting effects for photography;

1/1 gear (M gear) with a flash power of 76Ws and 81 levels of dimming (1/1~1/256);

Equipped with a 7.2V 2980mAh lithium battery, it can flash up to 450 times at 1/1 flash output,The call back only takes 1.5 seconds;

Compatible with Canon E-TTL II, equipped with E-TTL dynamic flash, can be used as a wireless output flash system

The main control unit or subordinate unit makes shooting simple and fast;

Dot matrix LCD screen, intuitive display, easier and more convenient operation;

Equipped with 2.4G wireless transmission and reception, with remote control of flash, creativity is unlimited;

Support for external flash power box PB960 and external auxiliary flash SU-1, achieving stronger flash output;

Fully functional, supporting dynamic flash mode, strobe flash mode, high-speed synchronization, and flash mode Quick synchronization, flash exposure, flash compensation, and other functions.

Having stable high-speed continuous flashing output, continuous brightness and temperature output, and uniform distribution of light;

Supporting firmware upgrades, Shenniu keeps up with the original camera and optimizes the flash software in a timely manner.

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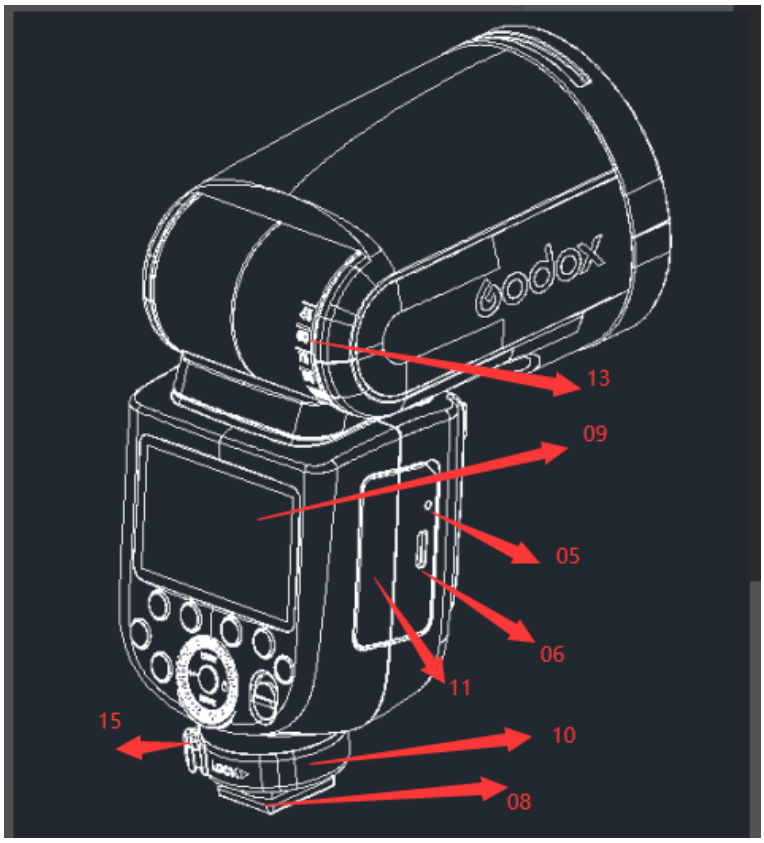
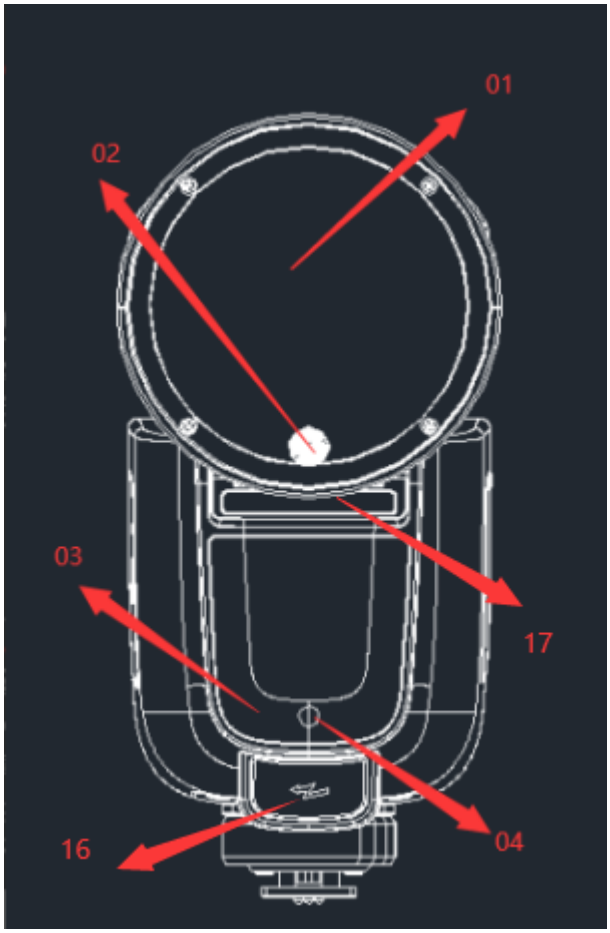
Component Name

fuselage

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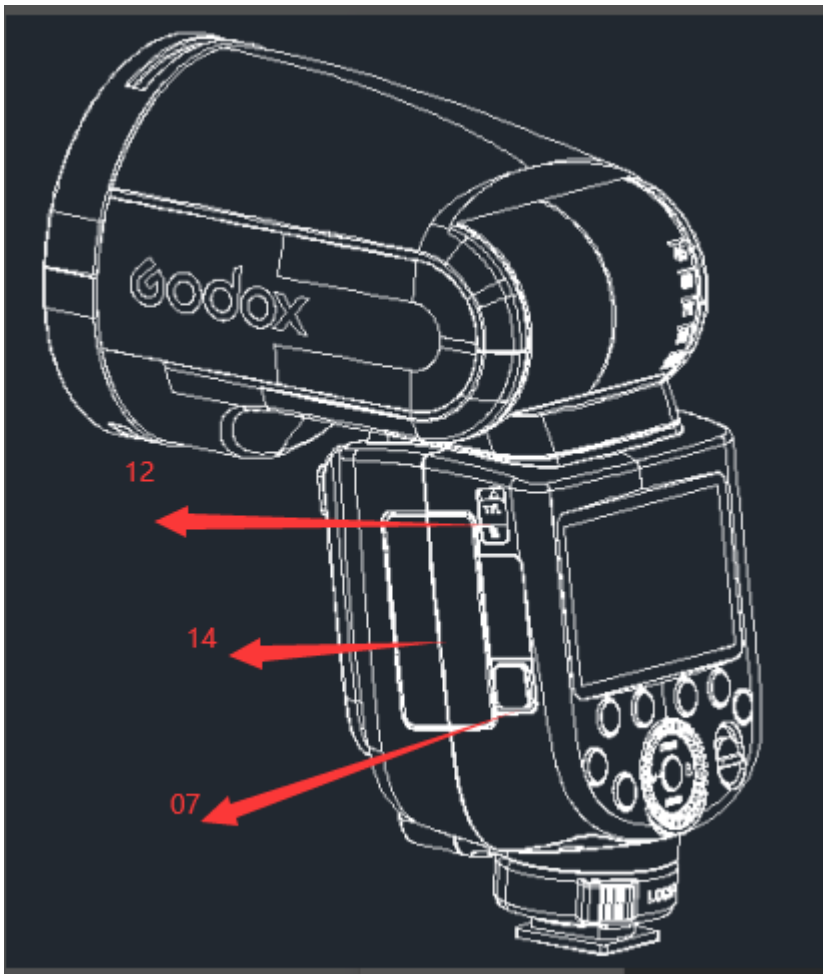

01. Flash Lamp Cap

02. LED styling lights

03. Wireless Sensors

04. Auxiliary focusing lamp

05. Synchronous jack

06. USB-C interface

07. Battery removal button

08. Hot boots

09. LCD display screen

10. Fix the hot shoe button

11. Lithium batteries

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13. Reflection angle scale

14. Battery compartment

15. Hot Shoe Lock Ring

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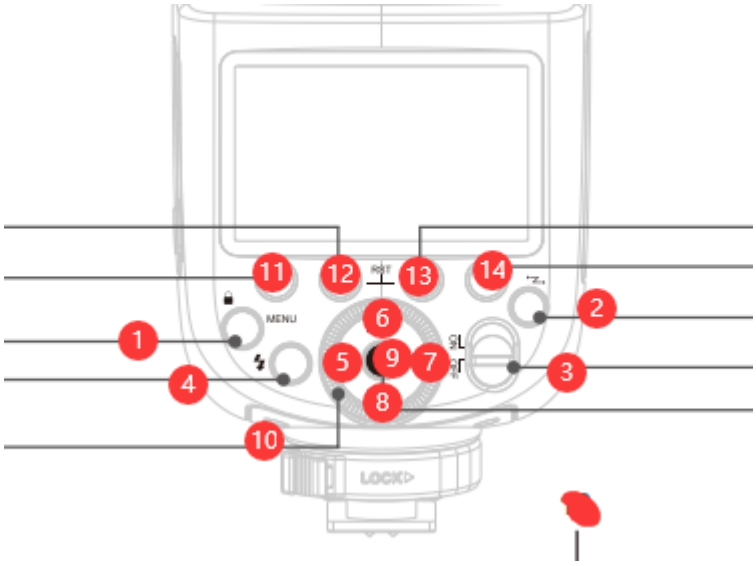
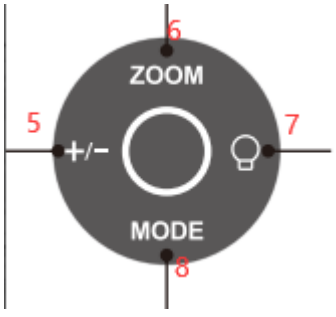
control panel





1. MENU/button

2. Wire button

3. ON/OFF switch button

4. Flash test button/return indicator light

5.+/- Flash Exposure Compensation/Flash Output Settings Button

6. Zoom Zoom button

7. Mode button

8. LED shape light button

9. Setting buttons

10. Adjusting the Wave Wheel

11. Function button 1

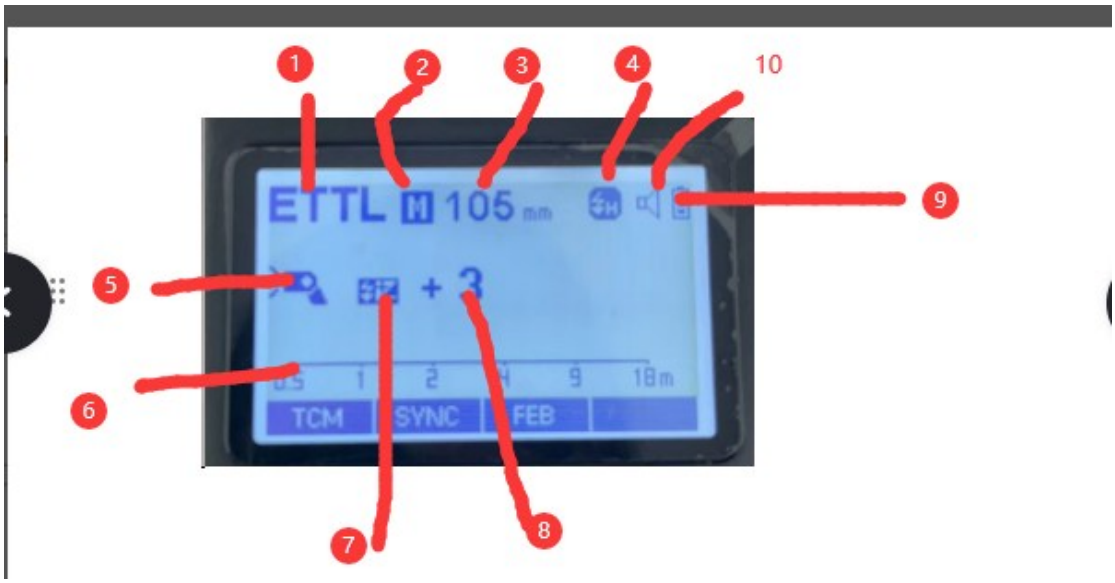
12. Function button 2

13. Function button 3

14. Function button 4

LCD liquid crystal display screen

E-TTL/E-TTL II Auto flash



1. ETTL: E-TTL II/E-TTL dynamic flash

2. A: Automatic zoom M: Manual zoom

3. Zoom display (automatic/28-105mm)

4. : high speed synchronization

: Rear Sync

: Front curtain synchronization (needs to be set on the camera)

5. : Main control flash flashing o

: Master flash off

6. Effective flash range/shooting distance (m: meters, ft: feet)

7. : flash exposure compensation

8. Flash exposure compensation amount

9. Battery current display

10. Buzzer

Manual flashing

1. M: Manual flashing

2. Manual flash output

3. S1/S2 optical control

Note: 1. The display screen will only display the current settings that should be displayed.

2. Display the corresponding functions on function buttons 1 and 4 (such as<SYNC and A/B/C/D>according to the settings)

Strobeflash

1. MULTI: Multiple (strobe) flash
2. Strobe flash output
3. Number of flashes
4. Flash frequency

Radio transmission shooting: main control unit (transmitterunit)

1. Radio transmission shooting

2. Transmitter transmission channel

3. Group A: Subordinate Unit Group A

4. Group B: Subordinate Unit Group B

5. Group C: Subordinate unit Group C

6. Group D: Subordinate Unit Group D

7. M: Manual flashing

8. Flash output

9. Flash exposure compensation amount

Radio transmission shooting: slave unit (receiver unit)

1. Radio transmission shooting
2. Subordinate unit (receiver)
3. Subordinate Unit Group
4. Receiver transmission channel

Bill of Materials

Lamp body × 1 USB charging stand × 1 charger × 1 USB-C charging cable × one

lithium battery × 1 storage bag × 1 Instructions × one

Accessories can be purchased separately

You can purchase the following photography accessories from our company separately to obtain the best shooting effects and user experience.

Flasher X2T C, Flasher XProII C, AK-R1 Circular Light Accessory Set battery

Removing the battery: Press and hold the battery button with your thumb, and then push down to remove the battery Pool.

Install the battery: Insert the lithium battery into the battery compartment according to the direction indicated by the battery, and simply clamp the fasteners.

Battery level indicator

Install the lithium battery correctly on the flash to provide power to the flash. Please check the flash when using it

The battery icon on the light screen allows you to keep track of the battery level at any time.

Battery level display	explain
3 cells	Full battery capacity
2cells	Half battery capacity
1 cells	Low battery capacity
No cells	Low battery, please charge in a timely manner
No cells flicker	The battery is about to run

	out, and flash operation is not supported in this state. Note: Please charge this state as soon as possible (within 10 days) before use or placement.

Power management

Turn on/off by pressing the switch button. When not using the flash for a long time, please turn off the power in a timely manner.

This product has a power automatic shutdown function. When used as the main control unit and left unattended for a specified time (about 90 seconds), the flash will automatically turn off. Press the shutter button or any key on the body to wake up the flash; When used as a slave unit, the flash will enter a sleep state after 60 minutes (or 30 minutes) of unmanned operation, and can be awakened by pressing any key on the machine during use.

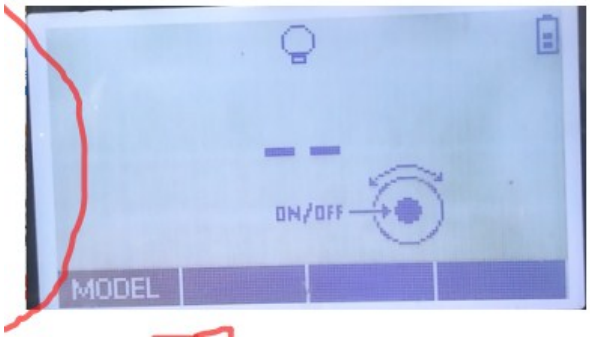
Note:

1. When leaving the machine for use, you can briefly press the MENU button to enter the menu and set C.Fn STBY to OFF.

2.When the flash is used as a slave unit, the automatic power off timer is set to 60 minutes by default. You can also briefly press the MENU button to enter the menu, set C.Fn RX STBY to 30 minutes, and change the automatic power off time to 30 minutes..

Styling lights

Enter/exit the styling light settings by briefly pressing the styling light button, and turn the styling light on or off by briefly pressing the settings button. After the design light is turned on, rotate the adjustment wheel to adjust the brightness of the design light, which has a total of 01-10 gears.



Installing/Removing Flashes

Installation: Rotate the flash hot shoe lock ring to the left to insert the camera hot shoe, and then rotate the flash rotation button to the right to lock the hot shoe.

Disassembly: Press and hold the fixed hot shoe button while rotating to the left to unlock the hot shoe. At this time, remove the flash to complete the disassembly.

Flash Mode - E-TTL: Dynamic Flash

In ETTL mode, the camera's metering system detects flash illumination reflected back from the subject, automatically adjusting the flash output to achieve balanced exposure between the subject and background. The ETTL mode supports functions such as exposure compensation, exposure surround, exposure lock, high-speed synchronization, and rear curtain synchronization.

By briefly pressing the MODE mode button to switch to ETTL mode, the top left corner of the display screen displays<ETTL>, indicating that the flash has entered ETTL mode.

Half press the camera shutter button to focus, and the aperture value and effective flash range will be displayed on the display screen.

Perform a pre flash immediately before the shutter is released, and the flash receives camera information for the main flash.

 **flash exposure compensation**

The flash can adjust the flash exposure compensation in increments of 1/3 between ± 3 gears. This feature is very useful when fine-tuning the TTL system due to environmental requirements.

Set the flash exposure compensation value Short press the<+/->button, Make the screen display <

 **> , At this point, the flash exposure compensation value is highlighted**

2. Rotate the adjustment wheel to set the flash exposure compensation amount. 0.3 "represents 1/3 gear, and 0.7" represents 2/3 gear.

To cancel flash exposure compensation, set the flash exposure compensation amount to "0".

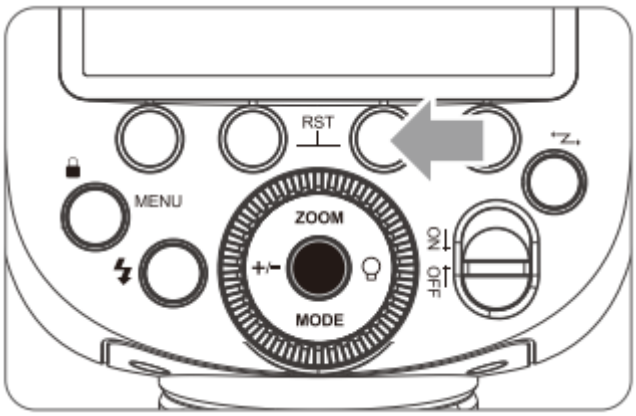
3. Finally, short press the setting button to determine the flash exposure compensation value

FEB (Flash Surround Exposure)

Each shot automatically changes the flash output in increments of 1/3 between ± 3 gears, known as FEB (Flash Surround Exposure). Using this feature, the camera will record three photos with different flash outputs (correct exposure, under exposure, over exposure). When shooting a moving subject or with complex lighting effects, this function can be used to obtain appropriate exposure.

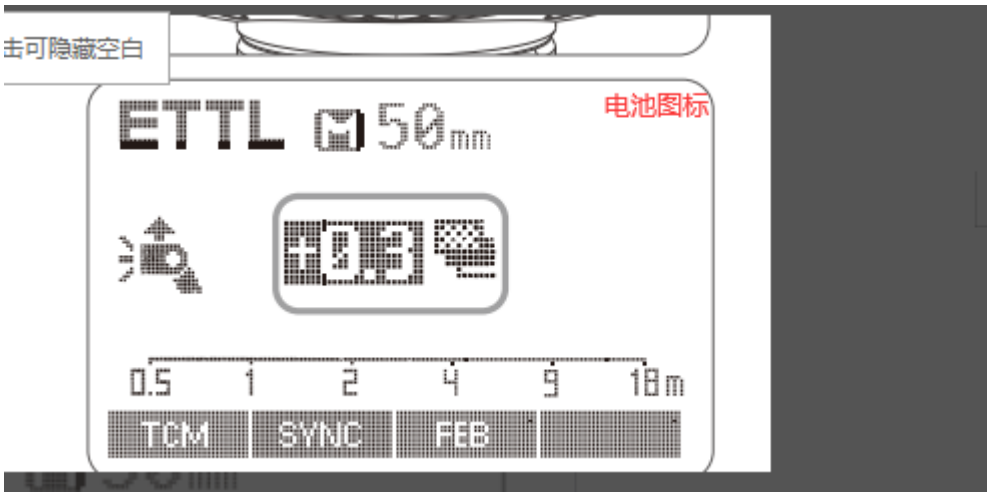
Setting the Exposure Value for Flash Surrounding

1. Short press the function button 3<FEB>to display the<>icon on the screen, and the flash surround exposure value will be highlighted.



1. Rotate the adjustment wheel to set the flash surround exposure.

0.3 "represents 1/3 gear, and 0.7" represents 2/3 gear.



1. Finally, short press the setting button to confirm FEB (flash surround exposure), and the screen will jump to the interface where both the flash exposure compensation value and the flash surround exposure value are displayed simultaneously.

Note:

1.After all 1.3 shots are completed, the flash surround exposure will be cancelled by the camera.

2. For flash surround exposure, set the camera's drive mode to "single shot" and ensure that the flash is ready before shooting.

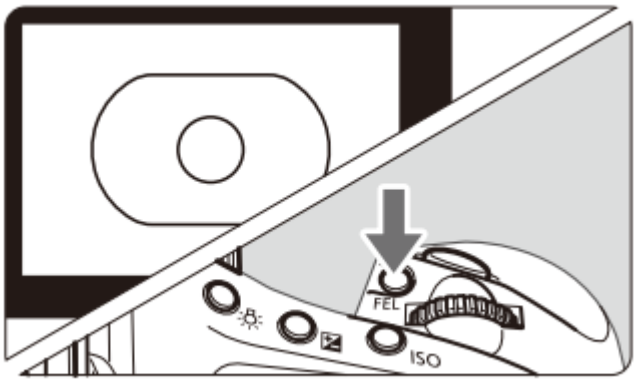
3. Flash surround exposure can be combined with flash exposure compensation and flash exposure locking to activate.

4. To prevent the flash surround exposure from being cancelled by the camera after three shots, you can select it from the MENU-FEB ACL menu OFF.

FEL: Flash exposure lock

Using FEL (Flash Exposure) locking, you can lock the correct flash exposure settings for any part of the scene.

When<ETTL>is displayed on the LCD screen, press the camera's<FEL>button. If the camera does not have the<FEL>button,press the<*>button.



1. Focus on the subject.

2. Press the<FEL>button.

Align the center of the viewfinder with the subject, and then press the<FEL>button.

The flash will pre flash and retain the flash output required by the subject in memory.

FEL will be displayed in the viewfinder for 0.5 seconds.

Note:

1. If the subject is too far away, it will result in insufficient exposure, < > The icon will flash in the viewfinder, please approach the subject and try the flash exposure lock again.

2.If<ETTL>is not displayed on the LCD screen, the flash exposure lock cannot be set.

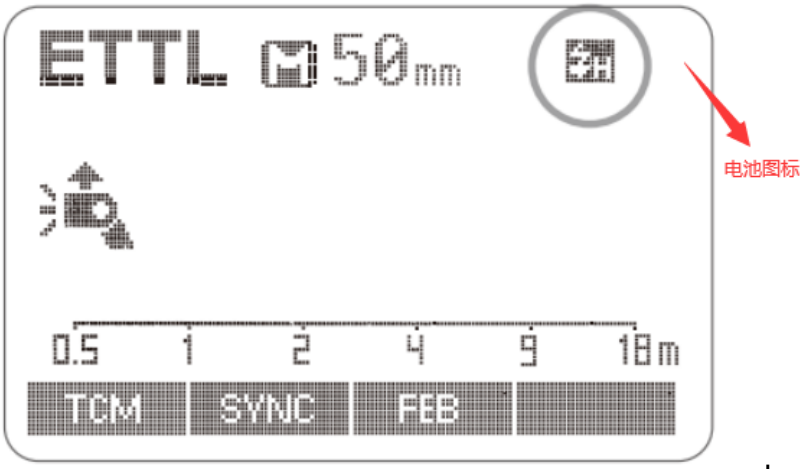
3.If the subject is too small, the flash exposure locking effect may not be good.

Fast synchronization

With high-speed synchronization (FP flash), you can synchronize the flash at any shutter speed.

High speed synchronous flash is particularly convenient when using aperture priority to fill portraits.

1. Press the function button 2<SYNC>to make the screen display < > icon.



2. Check if the camera's viewfinder is visible< > icon.

Note:

1. If the fast flash speed is set to be equal to or slower than the camera's maximum flash synchronization speed, it will not be displayed in the viewfinder < >。

2. Using high-speed synchronization, the higher the shutter speed, the smaller the effective flash range.

3. To restore normal flashing, press the<SYNC>button again and the<>icon will disappear.

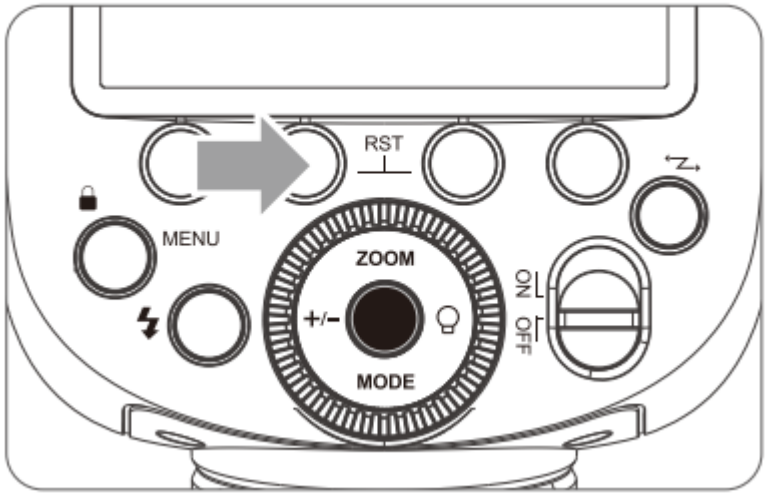
4. Unable to set strobe flash.

5. After 15 consecutive high-speed synchronized flashes, the flash thermal protection function may be activated.

Rear Sync

By using a slow shutter and rear curtain synchronization, you can create a ray trajectory behind the subject and flash instantly before the shutter closes.

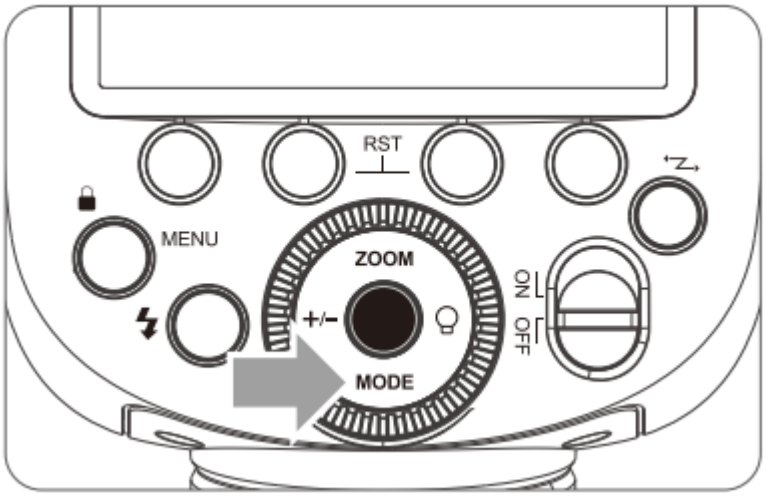
Press the function button 2<SYNC>to make the screen display < > icon.



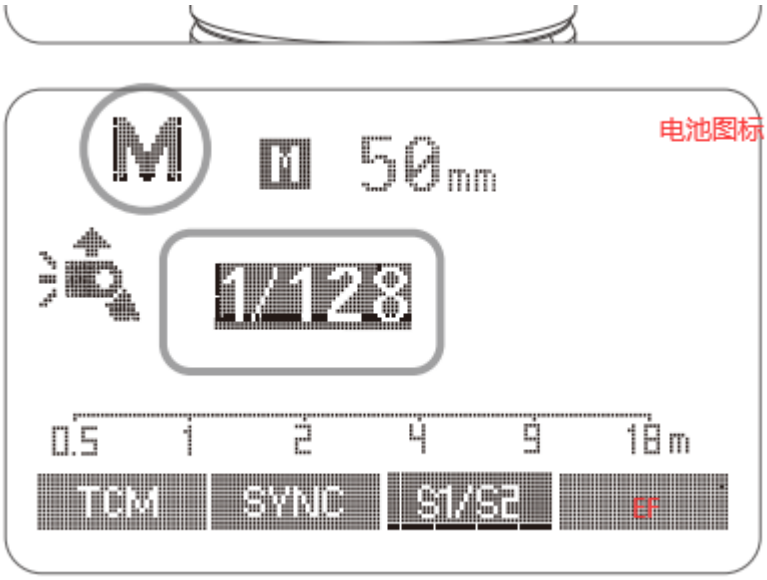
Flash Mode - M: Manual Flash

You can set the flash output in increments of 1/10 between 1/256 power and 1/1 full power. To obtain the correct flash exposure, use a handheld flash meter to determine the desired flash output.

1. Short press the MODE button to make the screen display<M>.



2. Short press the<+/->button to select the flash output value, then rotate the adjustment wheel to adjust the flash output value. After adjustment, short press the setting button to complete the setting.



S1 optical control unit settings

In the M manual flash mode, the S1 function can be used, and the flash can be used as a secondary light to create various lighting effects, suitable for manual flash environments. It will trigger the flash synchronously with the first flash of the main flash, and the effect is consistent with using a wireless flashing device.

S2 optical control unit setting

In the M flash mode, the S2 function can be used, and the flash can be used as a secondary light, suitable for TTL flash environments; Equipped with anti pre flash function, using a camera with one pre flash function can achieve synchronous shooting with light control. It will trigger the flash synchronously with the first flash of the main flash, that is, two light controlled pilot flashes.

Note: 1. Only in M mode can S1/S2 light controlled flashing be held.

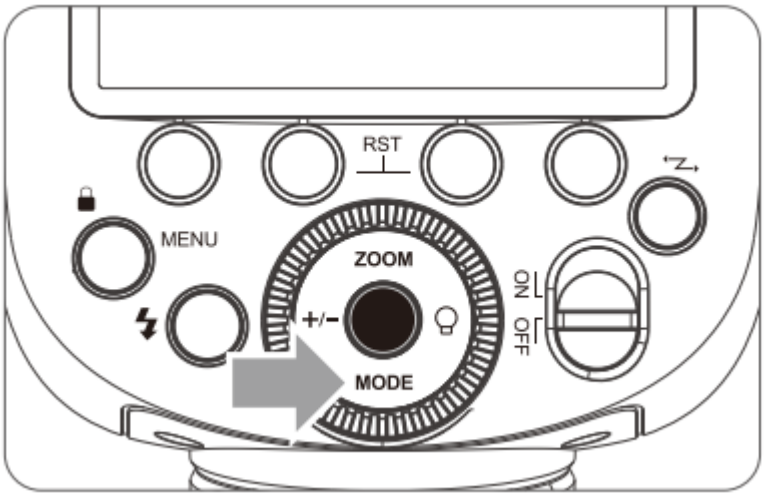
2. Short press the function button 3<S1/S2>to switch between S1/S2 or turn off this function.

Flash Mode - Multi: Strobe Flash

When using strobe flash with a slow shutter speed, multiple consecutive actions can be captured on a single photo.

You can set the flash rate (flashes per second, expressed in Hz), flash count, and flash output.

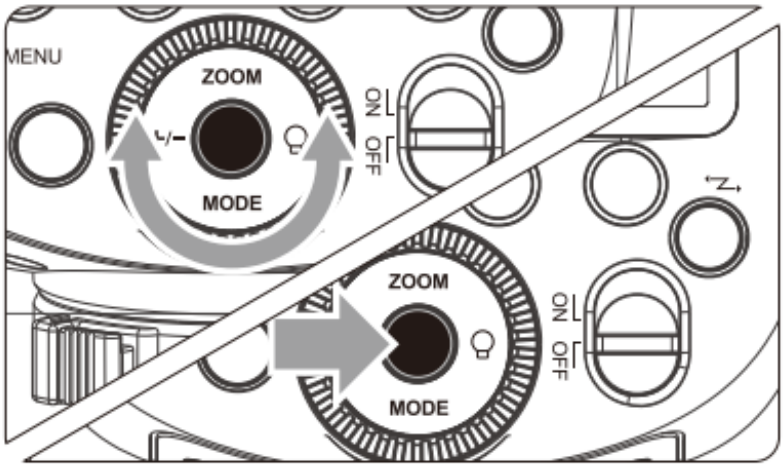
1. Short press the MODE button to display<Multi>on the screen.



2. Short press the function button 2<Times>to select the number of flashes. At this time, rotate the adjustment wheel to adjust the number of flashes. After selecting, short press the setting button to complete the setting. Short press the function button 3<Hz>to select the flash frequency. At this time, rotate the adjustment wheel to adjust the flash frequency. After selecting it, short press the setting button to complete the setting.

1. Short press the<+/->button to select the flash output value, then rotate the adjustment wheel to adjust the flash output value. After adjustment, short press the setting button to complete the setting.

Flash output range: 1/256-1/4.



How to determine the shutter speed

Before the strobe stops, the shutter should remain open. Use the following formula to calculate the shutter speed, and then use the camera to set it.

Flash frequency ÷ Flash frequency=Fast speed

For example, if the number of flashes is set to 10 and the flash rate is set to 5 (Hz), the shutter speed needs to be set to 2 seconds or longer.

Note:

1. To prevent damage caused by overheating of the flash lamp holder, do not perform more than 10 consecutive strobe flashes. After flashing 10 times, please let the flash cool for at least 15 minutes. If you perform more than 10 consecutive strobe flash bursts, the flash may automatically stop to prevent overheating of the flash lamp holder. If this situation occurs, please allow the flash to cool down for at least 15 minutes.

2. The subject with strong reflection makes the strobe flash more effective in front of a dark background.

3. It is recommended to use a tripod and TTL remote control XPROII.

4. Unable to set 1/1 and 1/2 flash outputs.

5.Even if the camera shooting mode is set to B gate shooting (buLb), strobe flash can still be performed.

6. The strobe mode cannot be set for high-speed synchronization.

7.If the number of flashes is displayed as -, the flash will continue to flash until the shutter is closed or the battery is depleted. The maximum number of consecutive flashes is shown in the table below.

Maximum number of consecutive flashes

flash output Hz	1	2	3	4	5	6-7	8-9	10	11	12-14	15-19	20-50	60-199
1/4	8	6	4	3	3	2	2	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	10	8	8	8	8	8
1/32	60	60	50	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 (2.4G wireless transmission)

This chapter explains the use of radio transmission to send/receive flash photography.

In this chapter, the V1Pro C installed on the camera is referred to as the main control unit, and the V1Pro C controlled by the line is referred to as the slave unit.

In addition, you can also purchase a V1Pro C with TTL lightning arrester XPROII wireless control as a slave unit. For detailed instructions on lightning arrester control, please refer to the separately purchased lightning arrester manual.

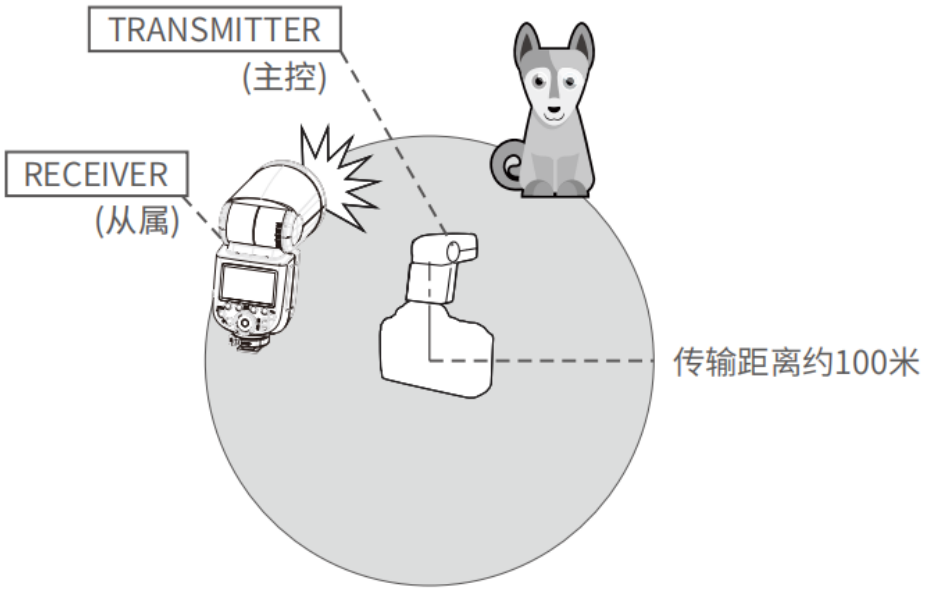
Note: When the camera's shooting mode is set to full motion mode or program image control area mode, the operations in this chapter cannot be ignored. You need to set the camera's shooting mode to Fv/P/Tv/Av/M/B gate (creative shooting area mode).

The flash with wireless shooting function for wireless transmission can easily utilize advanced wireless multi flash shooting in the same way as regular E-TTL II automatic flash shooting.

As long as the main control unit and subordinate units set relevant wireless settings such as channels, groups, IDs, etc., the settings on the V1Pro (main control unit) will automatically be applied to the wireless controlled V1Pro (subordinate unit). Therefore, there is no need to operate the receiving unit during shooting.

Positioning and operating range (wireless flash shooting example)

Using 1 slave unit for automatic flash shooting



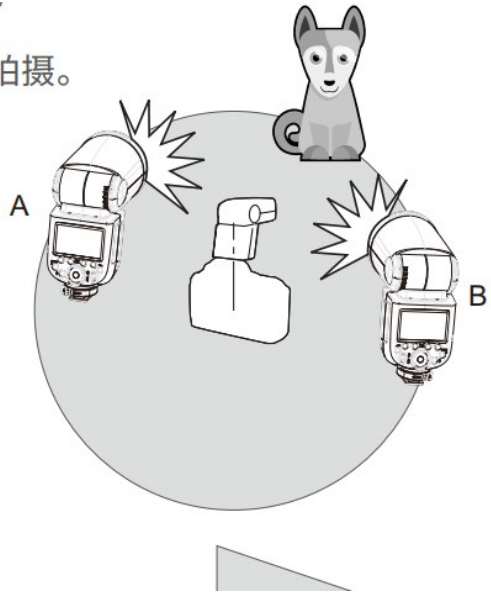
Note: 1. Before starting shooting, please test the flash and take a trial shot.

2. Due to the location of the slave unit, surrounding environment, weather conditions, etc., the transmission distance may be shorter.

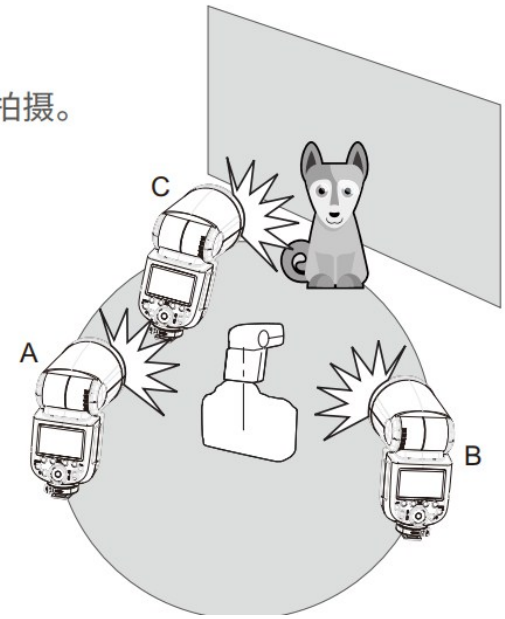
Using multiple slave units for automatic flash shooting

You can divide the slave units into two or three groups and perform E-TTL II dynamic flash shooting while changing the flash ratio (flash output rate). In addition, different flash modes can be set and used for shooting for each flash group (up to 4 groups).

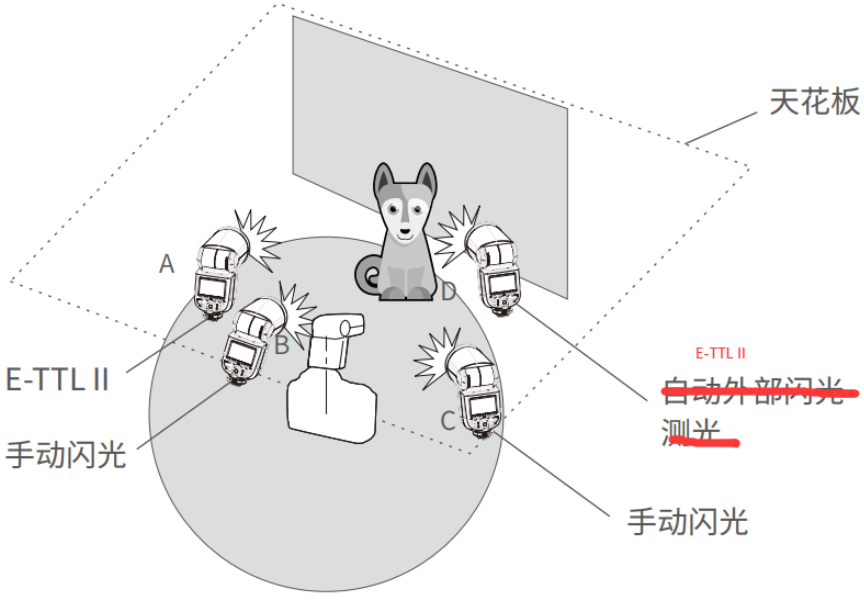
- 用两个从属组进行自动闪光拍摄。



• 用三个从属组进行自动闪光拍摄。



• 用为各组设定的不同闪光模式进行拍摄。



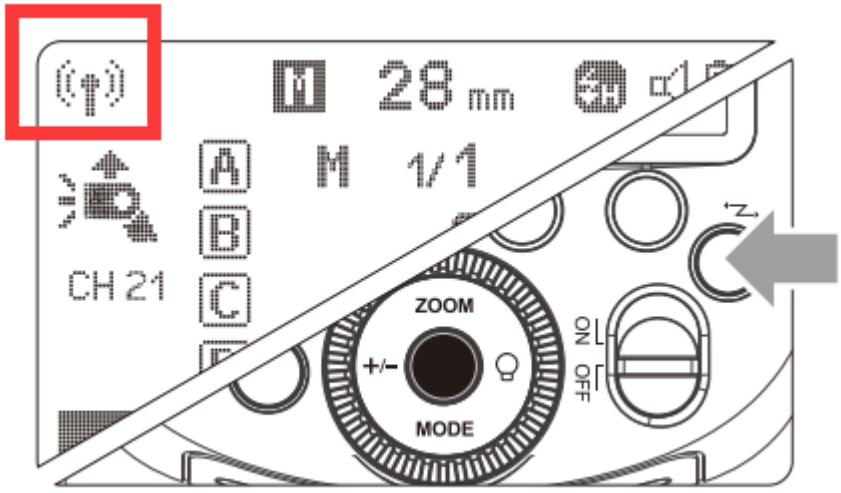
* 所示的闪光模式设置仅为示例

Wireless transmission wireless settings

You can switch between regular flash and wireless flash. When using regular flash, please make sure to set the power cord setting to "off", that is, the interface will not display <>。

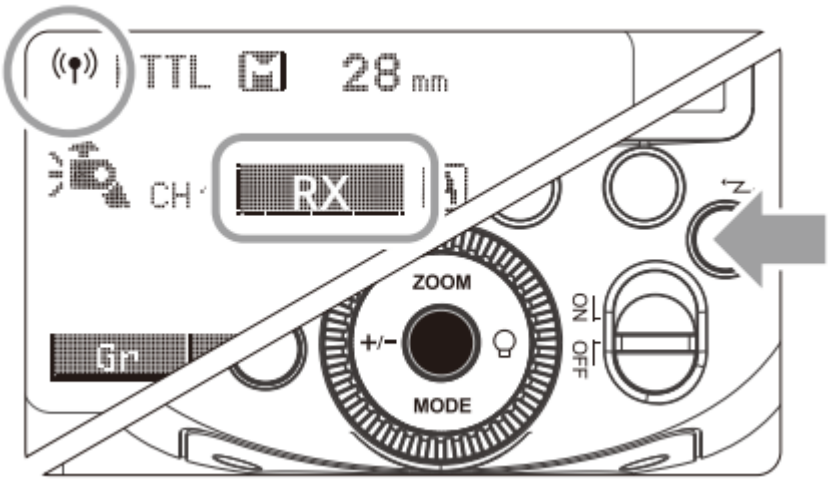
Flash set as the main control unit

Short press <> Wireless buttons make the screen appear <>but not displayed <RX>。



Flash set as slave unit

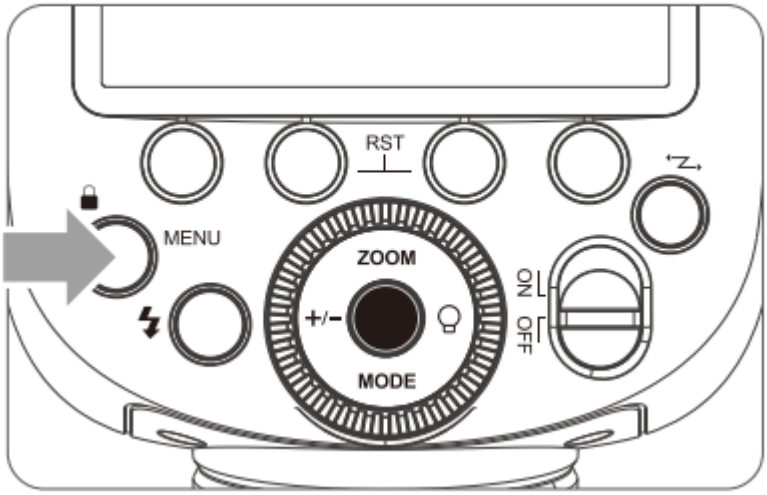
Short press <>Wireless buttons make the screen appear <>和<RX>。



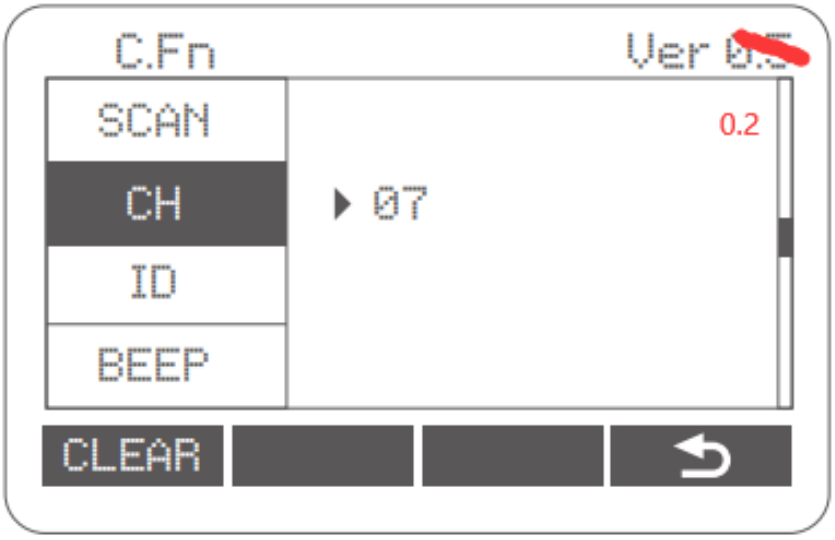
Set up wireless channels

If there are more than one wireless flash system on the shooting site, you can prevent signal interference by changing the wireless channel, but ensure that the main control unit and slave unit are set to the same channel.

1. **Short press the MENU button to enter menu settings. Rotate the adjustment wheel to<CH>, briefly press the setting button to select the CH value.**



1. Rotate the adjustment dial to adjust the wireless channel, ranging from 01 to 32. After selecting, briefly press the setting button to complete the setting.

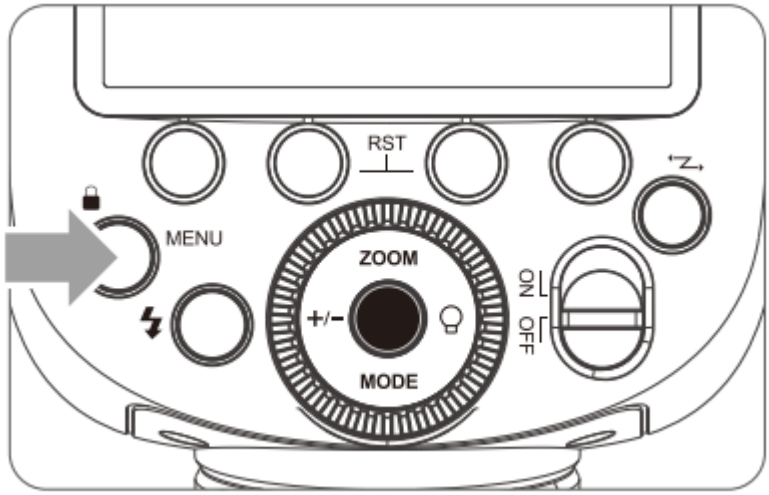


Set wireless ID

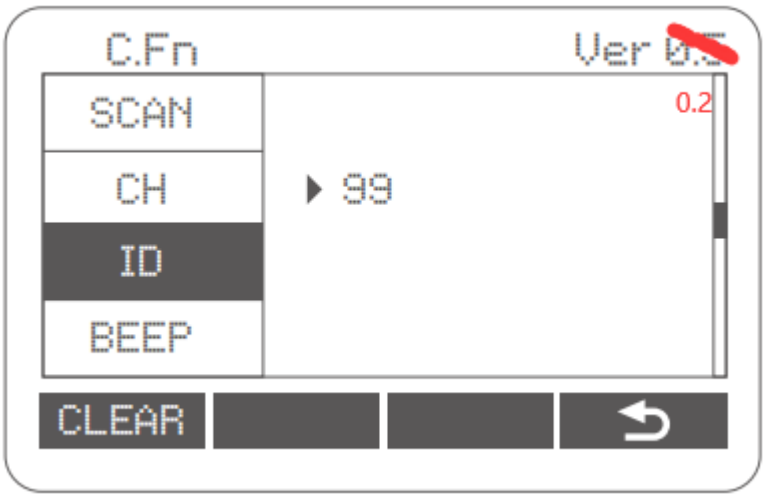
To avoid signal interference, in addition to changing the wireless communication channel, interference can also be prevented by changing the

wireless ID; Set the main control unit and slave control unit to the same channel and wireless ID. Enter C.FnID, select 01-99, where any number of line IDs is turned on, and select OFF line ID Close.

1. **Short press the MENU button to enter menu settings. Rotate the adjustment wheel to<ID>, briefly press the setting button to select the ID value.**

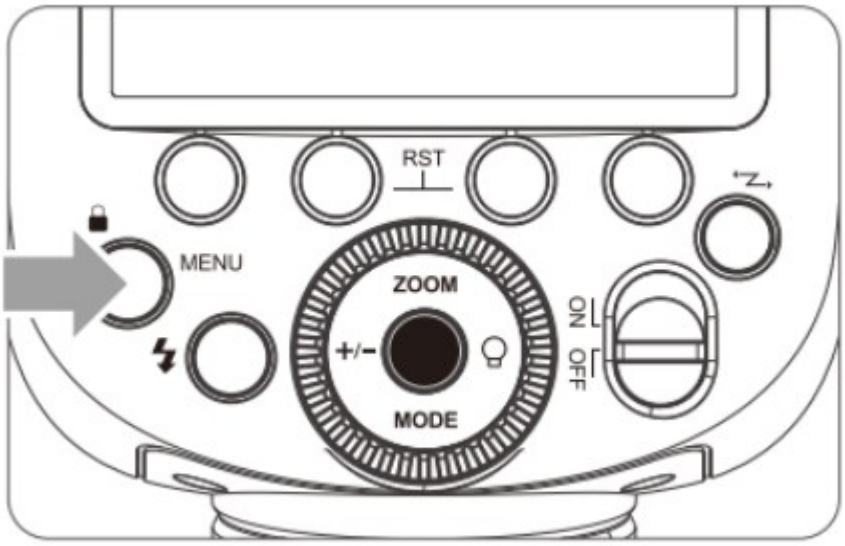


2. **Rotate the adjustment dial to adjust the wireless ID, ranging from OFF/01 to 99. After selecting, briefly press the setting button to complete the setting.**

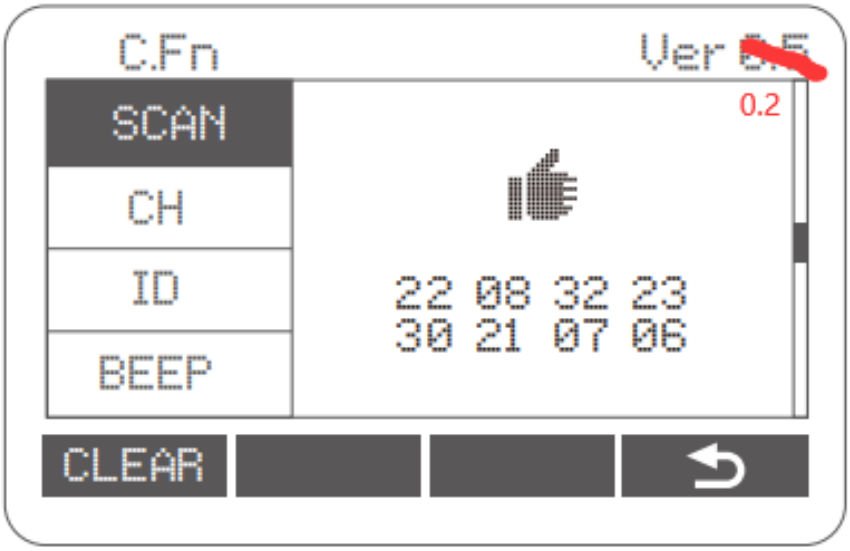


Scan idle channels

To avoid interference when other users use the same channel, the Scan Idle Channel function can be used. 1. Short press the MENU button to enter menu settings. Rotate the adjustment wheel to<SCAN>, briefly press the setting button to select the SCAN value.



2. Rotate and adjust the dial to select START. After selecting it, briefly press the setting button to start scanning. In a short while, 8 sets of idle channels will appear on the interface. You can refer to the scanned channels and reset the wireless channel of the main control flash.

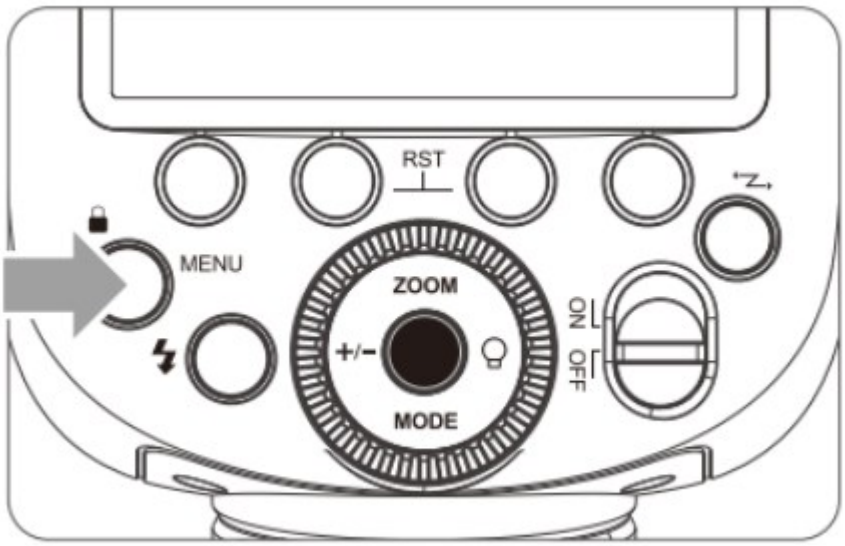


Main control unit (flash) flash on/off

You can set whether the main control unit (flash) that emits wireless signals is flashing. When the flash setting of the main control unit is turned on, the flash will flash as Group A flash.

1. Short press the MENU button to enter menu settings. Rotate the adjustment wheel to<TX>, briefly press the setting button to select the TX

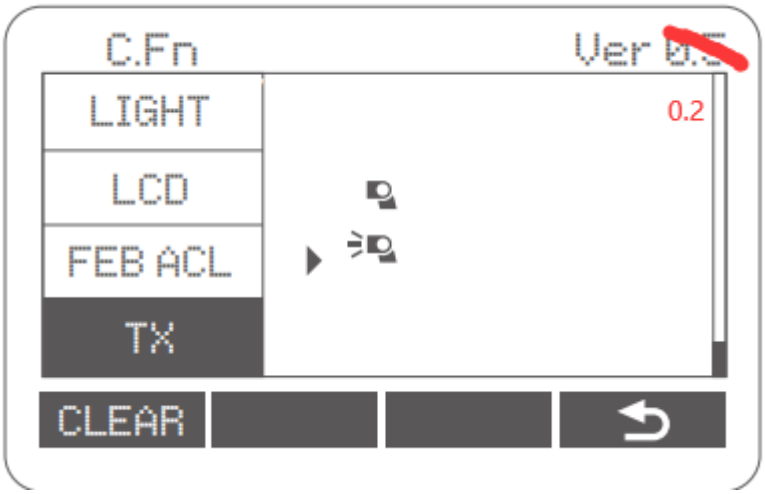
value.



1. . Optional rotary adjustment wheel < >和< > , After selection, briefly press the setting button to complete the setting.

2. < > : Master unit flash off

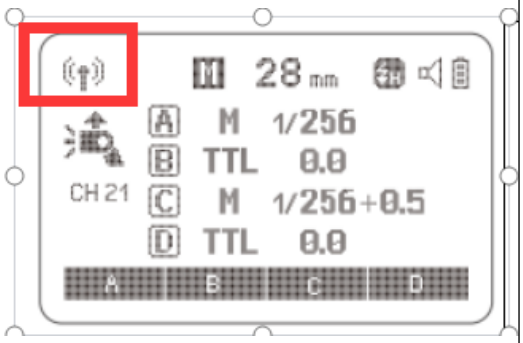
< > : Master unit flash on



Note: The main control unit's flash on/off does not affect the transmission of wireless flash signals.

ETTL: Fully automatic wireless flash shooting

Automatic flash shooting using a slave unit



1. Set the main control unit

Short press the wireless button to display wireless on the screen < > The V1Pro C to be installed on the camera is set as the main control unit.

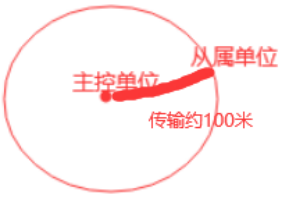
You can also use the lightning arrester X2T-C as the main control unit. X2T-C can control the Zoom value of V1Pro C, but the Zoom value must be set to automatic (A) mode.

2. Set subordinate units

Short press the wireless button to display wireless<RX>on the screen, and the flash controlled by wireless can be set as a slave unit.

3. Check the transmission channel

The wireless channels of the main control unit and subordinate units need to be consistent. For example, the main control unit channel is 01, and the subordinate unit is also 01.

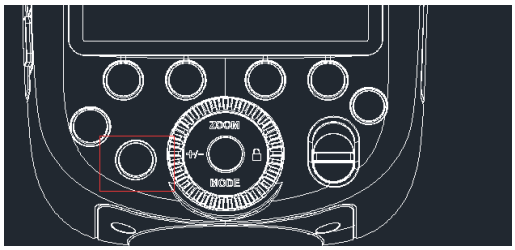


4. Positioning the camera and flash

The maximum transmission distance between the main control unit and the subordinate unit is about 100 meters.

5. Set the flash mode to<ETTL>

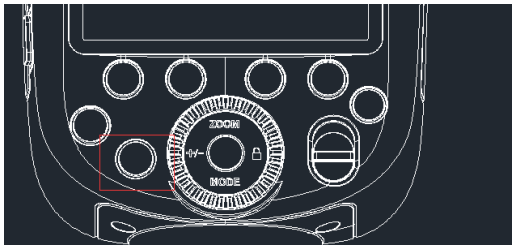
Short press the corresponding function buttons 1/2/3/4<A/B/C/D>to make the screen appear<TTL>.



6. Check if the flash is ready.

Check that the main control flash ready indicator light is on.

When the slave flash is ready, the autofocus auxiliary light emitting area flashes at 1-second intervals.

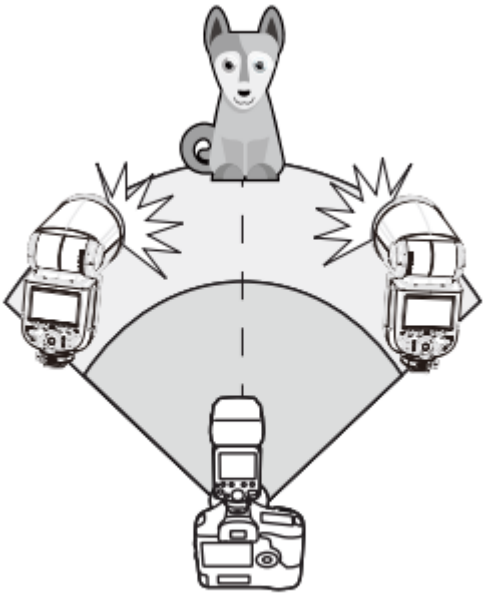


7. Check operation

Press the< >flash test button on the main control flash, and the slave unit will flash. If the dependent order

Yuan does not flash, check if it is placed within the operating range.

Automatic flash shooting using multiple slave



When larger flash output is needed or lighting is easier, the number of slave units can be increased and flashed as a single flash.

To add a slave unit, use the same steps as "Auto flash shooting with one slave unit" and set any flash group (A/B/C/D/E).

When the number of slave units is increased or the main flash flash is set to ON, automatic control is performed to ensure that all flash outputs flash at the same rate and the total flash output can reach standard exposure.

Note: 1. Short press the depth of field indication button on the camera to create a flash.

2. If the automatic power off of the slave unit takes effect, pressing the flash test button on the main control unit can turn on the slave unit. Please note that during the camera's metering timer operation, the test flash cannot be performed.

3. You can briefly press the MENU button to enter C.Fn custom settings, change the automatic power off time of the slave unit, and adjust RX STBY to 60min or 30min.

4. You can briefly press the MENU button to enter C.Fn custom settings, and set the autofocus assist light of the slave unit not to flash when the power is returned. Simply set AF to OFF.

Using fully automatic wireless flash

- The flash exposure compensation and other settings set on the main control unit will also be automatically set in the slave unit, and there is no need to operate the slave unit. You can use the following settings for wireless flash shooting in the same way as regular flash shooting.
-

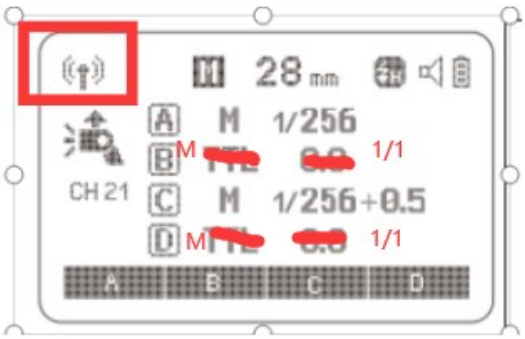
- Flash exposure compensation
- Flash exposure lock

About the main control unit

You can use two or more main control units to replace the camera for shooting while maintaining the same lighting (slave unit) by preparing multiple cameras with main control units.

M: Manual wireless flash shooting

Using manual flash wireless (multi flash) shooting, all parameters can be set on the main control unit, and different flash outputs can be set for each slave unit (flash group) for shooting.



1. Set all flash groups in the main control unit to M.

Short press the wireless button to display wireless on the screen < > , The V1Pro C to be installed on the camera is set as the main control unit.

Short press the corresponding function buttons 1/2/3/4<A/B/C/D>to make the screen display all flash groups<M>.

2. Set the flash output of each group of flash groups

Short press the function button<A/B/C/D>After selecting the flash group, rotate the adjustment dial to set the flash output for each group. After setting, short press the setting button to exit the setting

3. Set the subordinate unit channel to be consistent with the main control

The wireless channels of the main control unit and subordinate units need to be consistent. For example, the main control unit channel is 01, and the subordinate unit is also 01.

4. Take photos

Each group of subordinate units outputs flash with the set flash.

Multi: Manual wireless flash shooting

1. Set the main control unit to wireless strobe

Short press the MODE button to make the screen appear<Multi>, then short press the wireless button to make the screen appear simultaneously<Multi>and< >。

2. Set the flash output, number of flashes, and flash rate of wireless strobe

Short press the+/- buttons to select the strobe flash output. Rotate the adjustment dial to adjust its flash output. After setting, short press the setting button to exit.

3. Set the slave flash group wireless strobe on/off

You can directly set the wireless strobe switch for the subordinate unit A/B/C/D on the main control unit。

4. Set subordinate units

Short press the wireless button to make the slave unit screen appear<RX>.

5. Set the subordinate unit channel to be consistent with the main control

The wireless channels of the main control unit and subordinate units need to be consistent. For example, the main control unit channel is 01, and the subordinate unit is also 01.

Note: On the premise of ensuring that the channel ID of the main control unit and the subordinate unit are set to the same, the subordinate unit does not need to adjust its parameters, and can directly adjust the parameters on the main control unit.

TTL/M shift knob function

1. In non wireless mode, pressing the TTL/M button can quickly switch between flash modes.

When TTL switches to M mode, TCM conversion is enabled by default.

Locking function

Long press and hold the<Draw Lock>button for 2 seconds to lock or unlock the interface operation function. When locked, Locked is displayed below the display screen.

 **Reasons and Solutions for Shenniu 2.4G Wireless Flash Leakage**

1. External environment 2.4G signal interference (such as wireless base stations, 2.4G wifi routing, Bluetooth devices)

Backup, etc.)

Please adjust the channel CH setting of the flashing device (recommended+10) to find a non-interference channel Come to work, or turn off other 2.4G devices while working.

2. Please confirm if the flash has returned power or if the return speed has kept up with the continuous shooting speed (flashing The light ready indicator light is already on, and it is not under overheating protection or other abnormal conditions

In normal statePlease lower the gear of the flash, if it is in TTL mode, you can try changing to M mode (One pre flash is required in TTL mode).

3. Is the distance between the flasher and the flashlight too close (distance<0.5m)

Please turn on "Close Range Wireless Mode" on the flashing device:X1 series: Press and hold the flashing button, then turn on the machine until the indicator light flashes twice.

Xpro and X2T series: Set C.Fn DIST to 0-30m.

4. Is the lightning arrester and receiving device in a low power state

Please replace the battery (it is recommended to use a 1.5V disposable alkaline battery for the lightning arrester battery).

Other applications

Synchronous socket triggering

The specification of the synchronous jack is Φ 2.5mm, here you can insert a synchronization line or trigger plug to synchronously trigger the flash.

modeling light If the camera has a depth of field preview button, pressing this button will flash continuously for 1 second,This phenomenon is called styling flash. You can view the light and shadow on the subject through the shape flash The effect and lighting balance can be achieved for both wireless and regular flash shooting Type flash。

Note:

1. Do not continuously trigger the shape flash more than 10 times. If you perform 10 consecutive styling flashes, allow the flash to cool for at least 10 minutes to prevent overheating or damage to the flash head.

2. EOS 300 and B-type cameras do not support styling flash.

Auto assist focusing light

In low brightness or low contrast shooting situations, the built-in autofocus assist light in the flash will Turn on to make autofocus easier. When focusing is difficult, the red auxiliary focusing light comes on; When

Accurate focusing, auxiliary focusing light automatically turns off.

To turn off the automatic focus assist function, briefly press the MENU button to enter the C.Fn setting and set "AF" to "OFF".

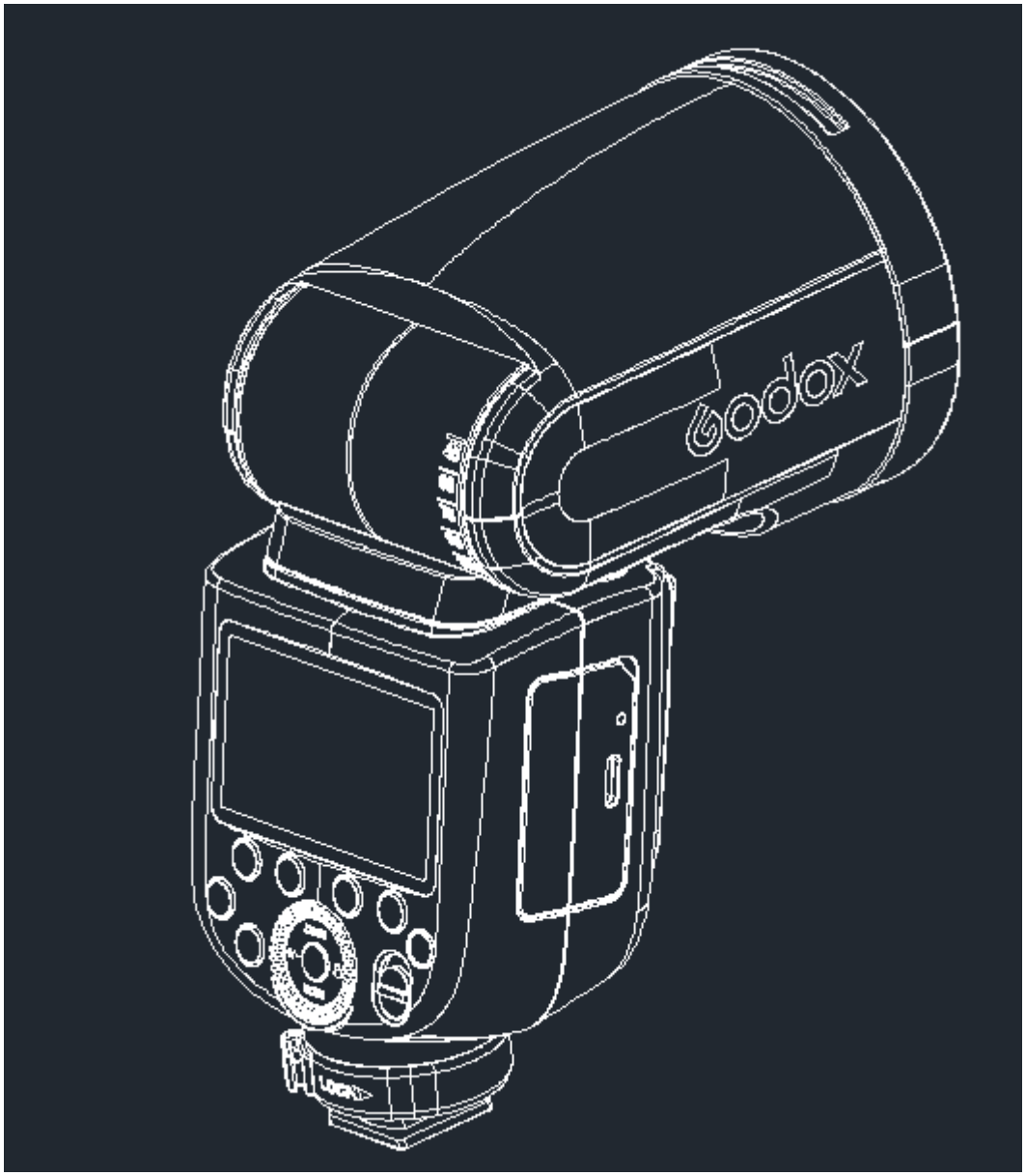
Note: If the user finds that the auxiliary focus light is not on during use, it is because the camera is already in an accurate focus state.

Location	Effective range
center	0.6-10 meters/2.0-32.8 inches
edge	0.6~5 meters / 2.0~16.4 inches

Reflected flash

By pointing the flashing lamp head towards the wall or ceiling, the flash is reflected by the wall before illuminating the subject. This can reduce the shadow behind the subject and achieve a more natural photography effect. It is called a reflected flash.

Rotate the flash head to set the reflection direction.

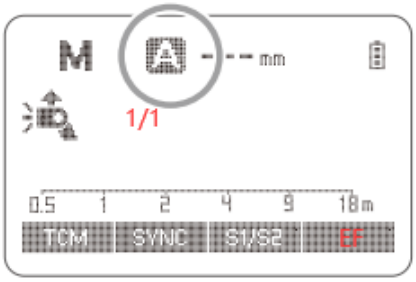


Note: If the wall or ceiling is too far away, the reflected flash may be too weak and cause poor exposure.

2. The walls or ceilings should be flat and white to facilitate efficient reflection. If the reflective surface is not white, the photo will show color deviation.

Zoom: Set flash coverage range

The flash has two zoom modes: automatic zoom and manual zoom. You can set the flash coverage range to match the lens focal length of 28-105 millimeters. When autozooming, the focal length changes with the camera's zoom lens to provide the best flash effect.



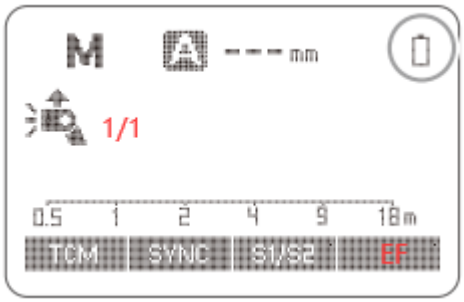
When manually zooming, press the<Zoom>zoom button.

Turn the adjustment knob to change the flash coverage range.

- On display < A > In this state, the flash coverage range will be automatically set.

Note: If you manually set the flash coverage range to ensure that it covers the lens focal length, the photo will not show shadow edges.

Low battery warning



When the battery level is low, the battery symbo <> will Flashing, please replace the battery at this time

Tip: 1. The "Verx. x" in the upper right corner indicates the firmware version number.

2. The optional custom function and one of its parameters for rotating and adjusting the paddle wheel.

3. Short press the setting button to select custom functions or confirm a certain setting.

4.After setting the custom functions, briefly press the MENU button to return to the main interface, and the camera can take photos.

5. After entering the MENU menu, long press and hold the function button 1<CLEAR>until "OK" appears, indicating that the C.Fn parameters have been reset.

Using the camera menu to control flash

Install the flash on the EOS camera and you can control the flash through the camera. Please refer to the camera instructions for details.

- **Instructions for setting the flash**

Different functions can be set according to different flash modes.

1. Flash mode

2. Shutter synchronization

3. FEB

4. Flash exposure compensation

5. Flash flash

6. Clear Flash Settings

- **Flash customization function**

C. Fn-00, C.Fn-01, C.Fn-03, C.Fn-08, C.Fn-10, C.Fn-20, C.Fn-22,

7 in total

Clear all flash customization features

Flash function definition screen

Protection function

1. Thermal protection

To prevent overheating and damage to the flashing lamp head, do not flash more than 100 times in 1/1 gear. After 100 consecutive flashes, let the flash cool for at least 10 minutes.

If you continue to flash more than 100 consecutive flashes on the screen, the internal anti overheating function may be activated, resulting in a power back time of more than 10 seconds. If this phenomenon occurs, please let the flash cool for about 10 minutes and the flash will return to normal.

After the thermal protection is activated, the symbol on the display screen will be displayed.

Number of consecutive flashes to activate the overheat protection function:

Power range	Number of consecutive flashes
1/1	100
1/2 (+0.1~+0.9)	150
1/4(+0.1~+0.9)	300

1/8(+0.1~+0.9)	300
1/16(+0.1~+0.9)	1100
1/32(+0.1~+0.9)	3500
1/64(+0.1~+0.9)	3500
1/128(+0.1~+0.9)	3500
1/256(+0.1~+0.9)	3500

Note: The number of thermal protection times for the same gear is the same under different Zoom values.

In high-speed synchronous mode, the number of consecutive flashes to activate the thermal protection function:

Power range	Number of consecutive flashes
1/1	60
1/2 (+0.1~+0.9)	70
1/4(+0.1~+0.9)	100
1/8(+0.1~+0.9)	100
1/16(+0.1~+0.9)	100
1/32(+0.1~+0.9)	100
1/64(+0.1~+0.9)	100
1/128(+0.1~+0.9)	100
1/256(+0.1~+0.9)	100

Specification parameters

Model	**V1Pro C**
Compatible camer	CanonEOS
Power (1/1 gear)	76Ws
Flash index (1/1 gear, focal length 105mm)	GN37 (ISO100, in meters)
Flash coverage	28 – 105mm
	• Automatic zoom (automatic setting of flash coverage range suitable for lens focal length and image size)
	• Manual zoom
	• Flash head rotation/tilt, horizontal 0~330 °, vertical -7 °~120 ° (reflected flash)
闪光持续时间	1/300S - 1/20000S
Exposure Control	
exposure control system	E-TTL II automatic flashing, manual flashing
Flash Exposure Compensation (FEC)	Manual, Flash Surround Exposure: Adjust in increments of 1/3 between ± 3 gears

	(Can be combined with manual flash exposure compensation and flash surround exposure)
Flash Exposure Lock (FEL)	Use the<FEL>button or<*>button
synchronous mode	High speed synchronization (up to 1/8000 seconds), front curtain synchronization, rear curtain synchronization
Strobe flash	Equipped with (maximum flash frequency 100 times; maximum flash frequency 199Hz)
Wireless flash (wireless 2.4G transmission)	
Wireless function	Main control unit transmitting, slave unit receiving, closing
Main control unit group	A,B,C,D
Controllable slave unit group	A,B,C,D,E (Group E can be controlled using the X-series lightning arrester)
Transmission range	100m

(approximately)	
channel	32 groups：01~32
ID	OFF/01~99
modeling light	Flash using the camera's depth of field preview button
Auto focus assist light	
Effective range (approximately)	Center: 0.6-10 meters/Edge: 0.6-5 meters
LED styling lights	
power	2w
CCT	3300K±200K
power supply	
Built-in lithium battery	7.2V/2980mAh lithium battery
Call back time (1st gear)	About 1.5 seconds, the flash is ready and the return indicator light is on
Full power flash frequency	About 480 times
energy conservation	When the flash is set to the main control unit, it will automatically turn off the power after about 90 seconds.

	When set as a slave unit, it enters sleep mode for 60 minutes (or 30 minutes).
Synchronous triggering method	Hot boots, 2.5mm synchronous cabl
Size	
volume	156mm×76mm×124mm
Net weight (excluding batteries	466g
Net weight (including battery)	580g

Troubleshooting Guide

If you encounter problems, please refer to this troubleshooting guide.

The flash does not flash.

The flash is not securely installed on the camera.

Firmly install the flash hot shoe holder onto the camera.

The electronic contacts of the flash and camera become dirty.

Please clean the contacts.• < > Icon or < > The icon does not appear in the camera viewfinder.

→Please wait for the flash charging to complete and the flash ready indicator light to light up.

→If the flash ready indicator light is already on, the camera's viewfinder < > icon or < > The icon still does not light up. Please check the hot shoe connection to ensure that the flash is reliably installed on the camera's hot shoe.

If the flash is ready and the indicator light does not light up after waiting for a long time, please check

Check if the battery is charged. If the battery level is low (as shown in the low battery voltage picture on the flash screen)

The label flashes), please replace the battery.

The power supply is automatically turned off.

When the lamp is used as the main control unit, the automatic power off function will take effect after 90 seconds of unmanned operation.

Press the shutter button halfway or any button on the body to wake up.

As a slave unit, when there is no operation for 60 minutes (or select 30 minutes), the flash will enter sleep mode.

You can press any button on the body to wake up.

Automatic zoom does not work.

The flash is not securely installed on the camera.

Firmly install the hot shoe holder of the flash onto the camera.

Insufficient or excessive flash exposure.

There are objects with strong reflection in the photo (glass windows, etc.).

→ Use Flash Exposure Lock (FEL).

• Use high-speed synchronization.

By using high-speed synchronization, the effective flash range will be smaller, and it is necessary to ensure that the subject is within the displayed effective flash range.

The flash uses manual exposure mode.

Change to ETTL mode or modify the flash output power setting.

The photo shows dark corners or the subject can only be partially illuminated.

The focal length of the camera lens exceeds the coverage range of the flash.

Please check the current coverage focal length of the flash.

The zoom range of the lamp holder of this product is full picture

The amplitude system is 28-105mm.

Firmware update

The USB interface of this product is a USB-C interface, please use a USB-C charging cable.

Product firmware upgrade requires support from the Godox G3 program software. Before upgrading the firmware, please download and install the "Godox G3 Firmware Upgrade Software" before selecting the corresponding firmware file.

Due to the firmware upgrade of the product, please refer to the latest electronic version of the manual.

List of compatible cameras

This device is compatible with the following Canon EOS series camera models:1DX、5D、Mark III 、5D Mark II、 6D、 7D、 60D、 50D、 40D 、30D、650D、600D、550D、500D、450D、400D Digital、1100D 、1000D、5D Mark IV 、

7D Mark II、6D Mark II、760D、750D、 70D 、80D、800D、77D、M5 、M3、M50、EOS R、1500D、3000D

Note:

1. This table only lists the currently tested camera models and does not cover all Canon EOS series cameras. Other cameras The model can be tested by users themselves.

2. Our company reserves the right to modify the content of this form in the future

Maintenance and upkeep

If any abnormalities are found during the operation of the flash, the power should be turned off immediately to identify the cause.

The lamp body should avoid vibration and pay attention to dust removal on the surface.

Slight heating of the lamp body is a normal phenomenon. When it is particularly necessary, do not continuously flash.

All repairs are the responsibility of the repair department designated by this company to provide original parts.

1 year warranty, consumables such as lamps are not covered by the 1 year warranty.

It has been found that unauthorized maintenance of this flashlight will result in the cancellation of the one-year warranty period and repair of the flashlight

Relevant fees need to be charged.

If this product malfunctions or gets wet, it can continue to be used after being repaired by professional technicians

Technical changes are subject to change without prior notice.

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15

of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition

without restriction.

Warning

Operation frequency:2412.99MHz –2464.49MHz

Maximum EIRP Power:2.30dBm

Declaration of Conformity

GODOX Photo Equipment Co.,Ltd. hereby declares that this equipment are in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. In accordance with Article 10(2) and Article 10(10), this product is allowed to be used in all EU member states.For more information of DoC, Please click this web link:https://www.godox.com/eu-declaration-of-conformity/

The device complies with RF specifications when the device used at 0mm from your body.