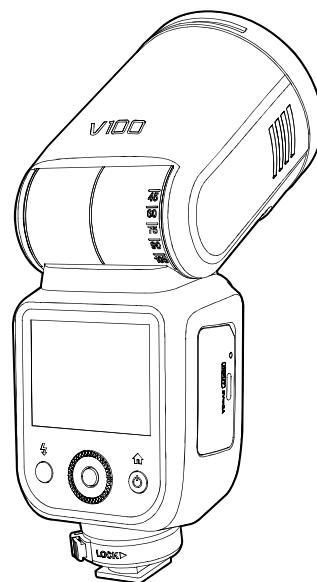


V100

TTL 锂电圆头机顶闪光灯

TTL Li-ion Round Head Camera Flash

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Made in China | 705-V100C0-00



使用手册

Instruction Manual

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About This Instruction Manual

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

The following alert symbols are used in this manual:
The caution symbol  indicates a warning to prevent shooting problem.
The note symbol  gives supplemental information.

Important Safety Instructions

This product is a professional photographic equipment, to be operated by professional personnel only.

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

The following basic safety precautions must be followed when using this product:

1. Carefully read and fully understand the instruction manual before use and strictly follow the safety instructions. Failure to do so may result in death, serious injury, damage to the product, or other property damage.
2. This product is a professional lighting fixture, children are prohibited from using it. Children must be closely supervised by adults when approaching the fixture, to prevent collisions with the fixture or unauthorized use that could cause personal injury.
3. This is not an ordinary lighting fixture and must not be used for general illumination. Anyone with a history of eye damage or sensitivity should avoid using this fixture or looking directly at it.
4. Extreme caution must be exercised when using it; do not touch high-temperature parts such as flash tubes to avoid burns.
5. Do not point the flash directly at the eyes (especially baby's eyes) under any circumstances, as this could impair vision in a short time. Turn off immediately if discomfort occurs, stop using, and seek medical attention promptly.
6. If the flash tube is damaged, stop using it immediately and contact the manufacturer, service agent, or qualified repair personnel for a replacement to prevent accidents.
7. Stop using immediately if the product shell is cracked due to falling, squeezing, or strong impact, to avoid touching the internal electronic components and getting an electric shock.
8. This device is not waterproof. Keep it dry and avoid immersing it in water or other liquids. It should be installed in a ventilated and dry location and avoid using in rainy, humid, dusty, or overheated environments. Do not place items above the device or allow liquids to flow into it to prevent danger.
9. Do not disassemble without authorization. If the product malfunctions, it must be inspected and repaired by our company or authorized repair personnel.
10. Before storing the device, make sure it is completely cooled.
11. Do not place the device near alcohol, gasoline, or other flammable volatile solvents or gases such as methane and ethane.
12. Do not use or store this device in potentially explosive environments.
13. Maintain at least 1 meter distance between the lamp head and the user, other people, and heat-sensitive or flammable items during and after use.
14. Do not use accessories not been approved by our company, as this may cause fire, electric shock or personal injury.
15. Clean gently with a dry cloth. Do not use a wet cloth as it may damage the device.
16. This instruction manual is based on rigorous testing. Changes in design and specifications are subject to change without notice. Check official website for latest instruction manual and product updates.
17. This product is powered by lithium batteries, who have limited lifespans and will gradually lose their charging capacities, which is irreversible. As the battery ages, the product's battery life will decrease. The lifespan of lithium battery is estimated to be 2 to 3 years. Please regularly check the battery, and if the charging time significantly increases or the battery life significantly decreases, consider replacing the battery.
18. This product is equipped with lithium batteries. The following are the storage recommendations: Charge the battery to about 50% before storage. Charge it to about 50% at least every six months. Removable batteries should be stored separately. The storage temperature should be between 0°C and 40°C.

Foreword

Thank you for purchasing!

TTL Li-ion round head camera flash V100 C is perfect for TTL auto flash with its excellent compatibility, you can enjoy unprecedented shooting convenience even with frequent changes in lighting conditions.

Main Features

Intuitive Touch Screen: The 2.3" ultra-high definition touch screen is sensitive and intuitive to achieve clear and convenient operations.

Dual Operation Options: Traditional physical buttons and select dial, or modernized touch screen control, are both available.

Round Flash Head: Well-crafted round flash head offers round, soft and even light effects.

Powerful Flash Functions: 100Ws flash power at 1/1 step in M mode, 81 steps adjustable from 1/1 to 1/256 or from 2.0 to 10, suitable for full range of shooting needs.

Fine-adjustable Modeling Lamp: Built-in 2W LED modeling lamp with adjustable brightness from 1 to 10 caters the lighting needs of different scenes.

Effective Power Supply: 7.2V 2980mAh lithium battery provides merely 1.7s recycle time and up to 400 flashes at full power output.

TTL Compatibility: Perfectly compatible with TTL technology to achieve auto flash control, competent with both sender and receiver units.

Wireless Control Ability: 2.4G wireless sending and receiving module allows for easy remote control of flashes.

Abundant Accessories Choices: Optional power box PB960 enables quicker recycle time of approx. 0.8s, detachable sub flash SU-1 brings better filling light effects.

Fully-upgraded Functions: Support M (manual) flash, Multi flash, high-speed sync, second-curtain sync, FEC, etc.

Stable Continuous Shooting: The output brightness and CCT remain consistent, and the light is evenly distributed in high-speed continuous shooting.

Continuous Firmware Upgrade: Godox is committed to regularly updating its flash software to maintain the optimal compatibility with the original camera system.

Note: The power box PB960 is sold separately.

19. Precautions for using lithium batteries:

- Do not disassemble, crush, or puncture the battery;
- The battery is not waterproof, do not immerse it in fog or water;
- Avoid short-circuiting the battery contacts;
- Do not expose the battery to or put it into fire;
- Do not expose the battery to temperatures above 60°C;
- Keep out of reach of children;
- Protect the battery from excessive shock or vibration;
- Do not use a damaged battery;
- If the battery leaks, avoid contact with the leaking fluid;
- If the battery fluid comes into contact with your eyes, immediately rinse with water for at least 15 minutes. Lift your eyelids until there are no signs of fluid and seek medical attention promptly.

20. Confirm and comply with all relevant local laws and regulations when handling any batteries.

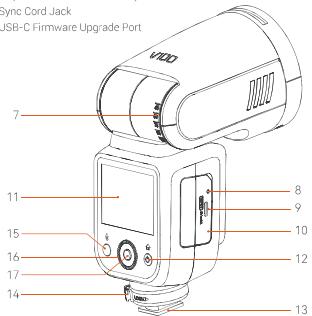
21. The warranty period for this device as a whole is one year. Consumables (such as batteries), adapters, power cords, and other accessories are not covered by the warranty.

22. Unauthorized repairs will void the warranty and will incur charges.

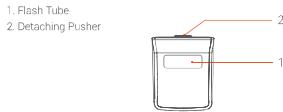
23. Please check the status and power of the lithium battery upon receipt. If there are any quality issues, please contact Godox or our authorized dealer within the warranty period.

24. Failures from improper operation is not covered under warranty.

Name of Parts

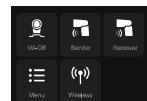


Detachable Sub Flash SU-1



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2.3" LCD Panel



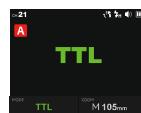
Mode Interface



Wi-Off Mode



Sender Mode

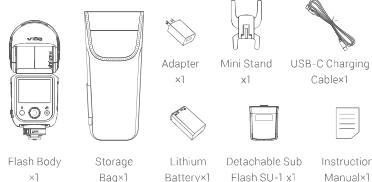


Receiver Mode



Other Functions

What's Inside



Separately Sold Accessories

The product can be used in combination with the following accessories sold separately, so as to achieve the best photography effects:



Flash Trigger X2T Series



Flash Trigger XProL Series

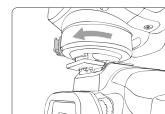


Flash Trigger X3 Series

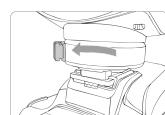
37

Installing/Disassembling the Camera Flash

Installing the camera flash: Rotate the hot shoe fixing buckle and rotate it to the left, insert the camera flash into the camera's hot shoe. Then rotate it to the right until it locks up.



Disassembling the camera flash: Press and rotate the hot shoe fixing buckle to the left until it is loosened, then take off the camera flash.



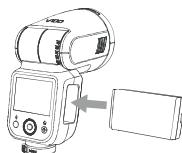
Note: Please purchase the correct accessories according to your flash models.

Installing/Disassembling Battery

Disassembling the battery: Press and hold the battery remove button, then push the battery out of the battery compartment.



Installing the battery: Insert the battery into the battery compartment in the direction as referred below until it's firmly locked.



Battery Level Indication

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

Battery Level Indication	Meaning
3 grids	Full
2 grids	Middle
1 grid	Low
Blank grid	Lower battery, please recharge it.
No battery alert (blinking)	The battery level is going to be used out, and the flash is not functional in this status. Note: Please recharge the battery as soon as possible (within 10 days). Then, the battery can be used or be placed for long period.

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Power Management

Power On: Long press the power switch button until the **SET** icon appears on the panel, then slide the screen or rotate the select dial in the direction showed on the panel to turn it on.



⚠ Note: Please turn off V100 C before installing and disassembling SU-1. Do not insert or pull out SU-1 when V100 C is in power on status or working, otherwise malfunctions may occur.

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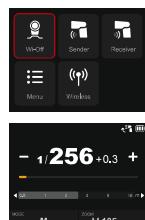
Standby: Setting as wi-off/sender mode when the standby function is on, the flash will enter standby mode automatically after a certain period (approx. 90 seconds) of idle use. Press the camera shutter halfway or press any button will wake up the flash unit.

Auto Off:

1. Setting as wi-off/sender mode when the auto off function is on (the auto off function is available only after the standby function is off), the flash will automatically shut down after 60 minutes (or 30 minutes, 90 minutes) of idle use.
2. Setting as receiver mode and turning on the auto off function (the auto off function is available no matter the standby function is on or off), the flash will automatically shut down after 60 minutes (or 30 minutes, 90 minutes) of idle use. The auto off function can be turned off when using off-camera as a receiver unit.

Wi-Off Mode

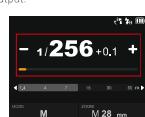
Touch Screen: Slide the screen from the left to the right to make the mode interface appears, click the "Wi-Off" icon to enter Wi-Off mode.



M: Manual Flash

The flash output is adjustable from 1/1 to 1/256 or from 2.0 to 10 with 0.1 increment each step. To obtain a correct flash exposure, use a hand-held flash meter to determine the required flash output.

Touch Screen: Click the "MODE" icon to switch to M mode, press the - or + icon to adjust the power with ±0.1 increment each step, or directly pull the progress bar to achieve quick adjustment.



Buttons and Select Dial: Rotate the select dial and press the set button to choose "MODE" icon, then rotate and press again to choose "M". Rotate up to choose the power value, then rotate and press again to adjust power with 0.1 increment each step, quick adjustment is also available by fast rotation.

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S1 Photocell Unit Setting

In M manual flash mode, 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 wireless triggers. This helps create multiple lighting effects.

S2 Photocell Unit Setting

In M manual flash mode, this flash can also function as an optic S2 secondary flash with optic sensor. This is useful when cameras have pre-flash function. With this function, the flash will ignore a single "pre-flash" from the main flash and will only fire in response to the second, actual flash from the main flash.

- ▲ 1. S1 and S2 Photocell triggering is only available in M manual flash mode.
- 2. Enter menu setting to switch between S1/S2 Photocell or turn off this function.

TTL: TTL Auto Flash

In TTL mode, the camera's metering system detects the flash reflected from the subject and automatically adjusts the flash output so that the subject and background are evenly exposed.

Touch Screen: Click the "MODE" icon to switch to TTL mode, press the - or + icon to adjust the FEC amount among ±3 with ±1/3 increment each step, or directly pull the progress bar to achieve quick adjustment.



Buttons and Select Dial: Rotate the select dial and press the set button to choose "MODE" icon, then rotate and press again to choose "TTL". Rotate up to choose the FEC amount, then rotate and press again to adjust the FEC amount among ±3 with ±1/3 increment each step, quick adjustment is also available by fast rotation.

- Press the camera shutter halfway to focus. The effective flash range will be displayed in the LCD panel.
- When the shutter is fully pressed, the flash will fire a pre-flash that the camera will use to calculate exposure and flash output the instant before the photo is taken.

ZOOM: Setting the Flash Coverage

The flash coverage can be set automatically or manually. In auto zoom mode, the focal length changes in response to the camera's zoom lens to provide optimal flash results.

Auto Zoom Mode: A-mm, and the flash coverage will be set automatically. Manual Zoom Mode: 28 mm, 35 mm, 50 mm, 70 mm, 80 mm, 105mm.

Touch Screen: Click the "ZOOM" icon to switch between auto zoom(A-mm) mode or manual zoom mode.

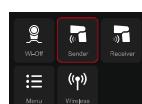


Buttons and Select Dial: Rotate the select dial and press the set button to choose "ZOOM" icon, then rotate and press again to choose the needed zoom mode.

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Sender Mode

Touch Screen: Slide the screen from the left to the right to make the mode interface appears, click the "Sender" icon to enter sender mode, slide upward can check more groups.



Buttons and Select Dial: Press the power switch button to make the mode interface appears, rotate the select dial and press the set button to choose and enter sender mode, rotate the select dial can check more groups.

The wireless is turned on by default in sender mode.

Group

Five groups: A, B, C, D, E

M: Manual Flash—Flash Power

Touch Screen: Press and hold the group box to switch among M (manual) flash, TTL auto flash and OFF. If the value inside is from 1/256 to 1/1 or from 2.0 to 10, this group is in M (manual) flash mode and the value inside is the flash power. The flash power is adjustable by clicking the - or + icon, or quickly adjustable by pulling the progress bar.

Buttons and Select Dial: Rotate the select dial and press the set button to choose and enter a certain group, press and hold the set button to switch among M (manual) flash, TTL auto flash and OFF. If the value inside is between 1/256 to 1/1 or from 2.0 to 10, this group is in M (manual) flash mode and the value inside is the flash power. The flash power is adjustable by rotating the select dial, then press the set button to exit.

TTL Auto Flash—Flash Exposure Compensation Amount

Touch Screen: Press and hold the group box to switch among M (manual) flash, TTL auto flash and OFF. If the value inside is from -3.0 to +3.0, this group is in TTL auto flash mode and the value inside is the flash compensation amount. The flash compensation amount is adjustable by clicking the - or + icon, or quickly adjustable by pulling the progress bar.

Buttons and Select Dial: Rotate the select dial and press the set button to choose and enter a certain group, press and hold the set button to switch among M (manual) flash, TTL auto flash and OFF. If the value inside is between -3.0 to +3.0, this group is in TTL auto flash mode and the value inside is the flash compensation amount. The flash compensation amount is adjustable by rotating the select dial, then press the set button to exit.

Adjust the Parameters Uniformly

Touch Screen: Click the - or + icon can increase or decrease the flash power or FEC amount uniformly.

Buttons and Select Dial: Rotate the select dial and press the set button to choose and enter a certain group, press the set button to enter uniform adjustment and rotate the select dial to increase or decrease the flash power or FEC amount uniformly, then press the set button to exit.

ZOOM: Setting the Flash Coverage

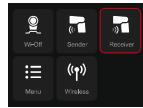
You can choose auto zoom mode or manual zoom mode (28mm-105mm). The details of which please refer to the ZOOM section in the Wi-Off mode above.

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Receiver Mode

Touch Screen: Slide the screen from the left to the right to make the mode interface appears, click the "Receiver" icon to enter receiver mode.



Buttons and Select Dial: Press the power switch button to make the mode interface appears, rotate the select dial and press the set button to choose and enter receiver mode.

The wireless is turned on by default in receiver mode.

Group

Five receiver groups: A, B, C, D, E

Touch Screen: Click the group icon to switch groups.

Buttons and Select Dial: Rotate the select dial to choose the group icon, then press the set button to enter group settings and rotate the select dial to switch groups, finally press the set button again to exit.

TTL: TTL Auto Flash

Touch Screen: Click the "MODE" icon to switch to TTL mode.

Buttons and Select Dial: Rotate the select dial to choose the "MODE" icon, then press the set button to enter MODE settings and rotate the select dial to switch to TTL mode, finally press the set button again to exit.

The details of which please refer to the section Wi-Off mode → TTL auto flash above.

M: Manual Flash

Touch Screen: Click the "MODE" icon to switch to M mode.

Buttons and Select Dial: Rotate the select dial to choose the "MODE" icon, then press the set button to enter MODE settings and rotate the select dial to switch to M mode, finally press the set button again to exit.

The details of which please refer to the section Wi-Off mode → M: manual flash above.

Flash Power Settings

The flash power adjustable from 1/256 to 1/1 or from 2.0 to 10 when choosing M (flash) mode.

Touch Screen: The flash power is adjustable by clicking the - or + icon, or quickly adjustable by pulling the progress bar.

Buttons and Select Dial: Rotate the select dial to choose the flash power box, press the set button to enter flash power settings and rotate the select dial to adjust, finally press the set button again to exit.

ZOOM: Setting the Flash Coverage

You can choose auto zoom mode or manual zoom mode (28mm-105mm). The details of which please refer to the ZOOM section in the Wi-Off mode above.

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Other Functions

Touch Screen: When in Wi-Off/Sender/Receiver mode, slide the screen down to make other functions appear, slide up to return to the main interface.



Buttons and Select Dial: When in Wi-Off/Sender/Receiver mode, short press the power switch button twice to make other functions appear, press it again to return to the main interface.

Sync Mode

High-speed Sync

High speed sync (FP flash) enables the flash to synchronize with all camera shutter speeds. This is convenient when you want to use aperture priority for fill-flash portraits.

Second-curtain Sync

With a slow shutter speed and second-curtain sync, you can create a light train following the subject. The flash fires right before the shutter closes.

Touch Screen: Click the "SYNC" icon to switch sync mode.

Buttons and Select Dial: Rotate the select dial to choose "SYNC" icon, then press the set button to switch sync mode.

Auto Focus Assist Beam

In poorly lit or low-contrast shooting environments, the built-in auto focus assist beam will automatically light on to make it easier for autofocus. The beam will light up only when autofocus is difficult and get out as soon as the autofocus becomes correct.

Touch Screen: Click the "AF" icon to turn on or off the auto focus assist beam.

Buttons and Select Dial: Rotate the select dial to choose "AF" icon, then press the set button to turn on or off the auto focus assist beam.

The table below lists the effective range for the auto focus assist beam.

If you find the auto focus assist beam does not light up, this is because the camera has got a correct autofocus.

Beep

The flash will fire with a prompt tone if the beep is turned on.

Touch Screen: Click the "Beep" icon to turn on or off the beep.

Buttons and Select Dial: Rotate the select dial to choose "Beep" icon, then press the set button to turn on or off the beep.

Modeling Lamp

Touch Screen: Click the "Model" icon to turn on or off the modeling lamp. The brightness of it is adjustable from 1 to 10 by pulling the progress bar down when it's turned on.

Buttons and Select Dial: Rotate the select dial to choose "Model" icon, then press the set button turn on or off the modeling lamp. When the modeling lamp is on, its brightness is adjustable from 1 to 10 by rotating the select dial and pressing the set button after selecting the progress bar down, then press the set button again to exit.

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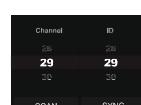
Maximum Time of Consecutive Flashes

Number of Flashes	Flash Frequency(Hz)	1	2	3	4	5	6-7	8-9	
		Flash Output	1/4	8	6	4	3	3	2
1/8		14	14	12	10	8	6	5	
1/16		30	30	30	20	20	20	10	
1/32		60	60	60	50	50	40	30	
1/64		90	90	90	80	80	70	50	
1/128		100	100	100	100	100	90	80	
1/256		100	100	100	100	100	90	80	

Number of Flashes	Flash Frequency(Hz)	10	11	12-14	15-19	20-50	60-100
		Flash Output	1/4	2	2	2	2
1/8		4	4	4	4	4	4
1/16		10	8	8	8	8	8
1/32		20	20	20	18	16	12
1/64		50	40	40	35	30	20
1/128		70	70	60	50	40	40
1/256		70	70	60	50	40	40

Wireless Settings

Touch Screen: Slide the screen from the left to the right to make the mode interface appears, click the "Wireless" icon to enter wireless mode. Then slide from the left to the right to return to the main interface.



Buttons and Select Dial: Press the power switch button to make the mode interface appears, rotate the select dial and press the set button to choose and enter wireless mode. Short press the power switch button to return to the main interface.

Scan the Spare Channel

You can scan the spare channel to avoid the interference of using the same channel by others.

Touch Screen: Click the "SCAN" icon to start scanning, and the 8 spare channels will be displayed, click your desired channel.

Buttons and Select Dial: Rotate the select dial to choose "SCAN" icon, then press the set button to start scanning, and the 8 spare channels will be displayed, rotate the select dial and press the set button to choose your desired channel.

Channel Settings

If there are other wireless flash systems nearby, you can change the wireless channels to prevent signal interference. The wireless channels (01-32) of the sender unit and the receiver unit(s) must be set to the same.

Touch Screen: Slide the "Channel" box to choose your desired channel.

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