Godox 神牛

Gemini

双子 | GT系列高速影室闪光灯

Fast Speed & Multi-Freeze Compact Flash

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Instruction Manual
说　明　手　册

Chinese English Bilingual | 中英文双语

FOREWORD

Thanks for choosing Gemini GT series fast-speed studio flash. It has wide-range applicability, not only perfect for all kinds of studio and workshop photography, but also good at wedding, portrait, advertisement, and child photography. Very fast recycling and short flash duration allow photographers to capture a chain of facial expressions and amazing actions in fast succession, and to clearly freeze all instantaneous beauty. The GT series flash offers:

- Ultra-speedy charging, 0.05-1.2s recycling time
- Multi-freeze shots, 1/5000s-1/800s flash duration
- Up to 10 shots per sec. under lower power output level
- Exact output control on LED display, 50 steps from 5.0-10.0 in 0.1 increments
- High qualified modeling lamp, 150W output steplessly adjustable
- Outstanding output stability, less than 2% shifts when under the same output
- High color stability, 5600±200k between flashes over the entire power range
- Flash output on/off and power level, modeling lamp and buzzer on/off, and flash triggering can be controlled by using Godox FT series remote control.

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FOR YOUR SAFETY

To prevent damage to the product or injury to you or to others, read the following safety precautions in their entirety before using this product. Keep these safety instructions where users can read them for ready reference.

Do not disassemble or modify

There are high-voltage components inside the unit. Failure to observe this precaution could result in electric shock or product malfunction. Should the product break open as the result of a fall or other accident, send the defective back to authorized service center for inspection and maintenance.

Keep dry

Do not handle with wet hands or immerse in or expose to water or rain. Failure to observe this precaution could result in fire or electric shock.

Keep out of the reach of children

This device contains small parts that may pose a choking hazard. Consult a physician immediately if a child swallows any part of this device.

Do not expose to high temperature

Do not leave the device in a closed vehicle in the sun or in other areas subject to extremely high temperature. Failure to observe this precaution could result in fire or damage to the housing or internal parts.

CAUTION

- After 30 continuous flashes at full power, the flash should be cooled down for about 3 minutes. Overheating will occur if it is used continuously without cooling down.
- Do not keep using the modeling lamp for a long time, otherwise flammable accessories attaching to flash head, e.g. softbox will get burnt. A 10-minute time is recommended in this case. After 10 minutes, cool it down for 1 minute.
- When using a snoot, do not keep the modeling lamp on for a long time or fire too frequently (not over six times for one minute). Overheating will result in damages for strobe housing and/or studio light.
- Do not touch the lamp cap when the flash or modeling lamp is working, as it will give out heat, leading to high surface temperature.
- Do not touch the two terminals of the tube outlet as there is high voltage inside. Wear insolated gloves before replacing the tube or modeling lamp.
- Avoid sudden impacts as this can damage the flash tube and/or modeling lamp.
- Do not flash directly towards naked eyes (especially those of babies), otherwise it may lead to visual impairment.
- Disconnect from the power supply when it will not be used for an extended period.

NAMES OF PARTS

- **Body**

1. AC Power Socket
2. Sync Cord Jack
3. Power Switch
4. Modeling Lamp Output Controller
5. Flash Output Controller
6. Modeling Lamp Button
7. Sound Button
8. Slave Model Button
9. Test Button
10. Digital Display
11. Modeling Lamp Indicator
12. Buzz Indicator
13. Slave Triggering Indicator
14. Test Indicator Lamp
15. Light Sensor
16. Wireless Control Port
17. Fuse
18. Mounting Bracket
19. Umbrella Input
20. Direction Adjusting Handle

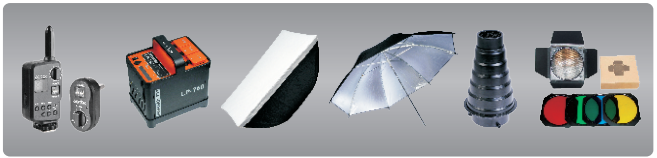
- **Accessories**

1. Sync Cord
2. Power Cord
3. Standard Reflector
4. Lamp Cover
5. Glass Protection Cover
6. Modeling Lamp
7. Instruction Manual

SEPARATELY SOLD ACCESSORIES

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

FT-16 Remote Control, Power Inverter, Softbox, Photographic Umbrella, Light Stand, Barndoor, Snoot, etc.



OPERATIONS

- **Flash Preparation**

1.Take down the lamp cover. Install the modeling lamp and put on the glass protection cover and standard reflector.

(To uninstall the standard reflector, press the release button on the flash head and turn the standard reflector counter-clockwise to take it out, as illustrated in the picture.)

2. Attach the flash unit on an appropriate light stand. Adjust the mounting bracket (18) for a good angle and make sure it's tightened and fixed. Use the direction adjusting handle (20) to adjust the flash to a desired direction. Umbrella input (19) is for different photo umbrellas to put in.

- **Power Connection**

Use the power cord to connect the flash to an AC power source and turn on the power switch (3). The Digital Display (10) lights up, indicating it's connected.

- **Modeling Lamp**

Modeling Lamp Button (6) controls the modeling lamp status: when modeling lamp indicator lights up, modeling lamp is on; if not, modeling lamp is off. Modeling lamp

output controller (4) is used for adjusting the power output level of modeling lamp. Modeling lamp will be off automatically after lighting for 2 hours, avoiding overheat due to long-time lighting when the user is not nearby.

> ⚠ When there is flammable accessory on the flash unit, do not keep the modeling lamp on for a long time. It is recommended to cool it down for one minute after 10 minutes' working.

- **Power Output Control**

  Flash output controller (5) decides different power output, satisfying the light requirements in different environment. The power is adjustable freely from 5.0 to 10.0 which will be accordingly told on the digital display (10). “OF” on the display indicates that the flash triggering function is turned off. It can automatically discharge power when the flash output is adjusted from high to low.

- **Test Button**

  To fire the flash without taking a picture, press the test button (9). It can also help adjust the flash brightness when combined with the flash output controller (5).

- **Sync Triggering**

  The sync cord jack (2) is a Φ3.50mm plug. Insert a trigger plug here and the flash will be fired synchronously with the camera shutter.

- **Slave Trigger Model**

  Three slave triggering models are available and can be set by pressing Slave Model Button (8).

  1.No optical control: The slave triggering indicator (13) is off, indicating the slave triggering function is shut down.

  2.One fire model: The slave triggering indicator (13) glows blue, indicating the flash will fire synchronously when receiving one external flash. In this model, the flash can function as an auxiliary lamp, offering various effects of light and shadow.

  3.Anti-preflash model: The slave triggering indicator (13) glows red, indicating the flash will receive two external flashes within 2 seconds and will fire synchronously when receiving the second flash. In this model, the flash can function as an auxiliary lamp, applicable to TTL system. With this anti-preflash function, synchronization is supported with cameras having a one-preflash firing system.

- **Buzz Function**

  The sound button (7) is used to decide whether there is sound reminder for ready flash after recharging. When the buzz indicator (12) is on, it means buzz function is working; if it is off, the buzz function is shut down. A “BI” sound will be heard when it's fully charged.

- **Memory Function**

  The device is equipped with memory function for the panel setting. It will help remember the panel setting 3 seconds after you set it. When starting up the flash next time, the panel setting will be the same as that before powering it off.

- **Wireless Control Function**

  The flash unit is built in with a Wireless Control Port (16) so that you can wirelessly control the on-and-off of your flash, modeling lamp and buzzer, as well as adjust the flash output level, etc.

  To control the flash wirelessly, you need a Godox FT series remote control set (on-camera and on-flash). Insert its receive end into the Wireless Control Port (16) 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.

  For full instructions on the use of FT series remote control, see its user manual.

- **Tube Replacement**

  Shut down the power and remove the power cord before replacing the flash tube and wear insulated gloves. Then, loosen the iron wire on the tube, keep a balanced hold on the two feet of the flash tube and pull out the old tube gently. Take down the feet casing from the old tube and put it on the new one. Hold two feet of the new tube, and target directly towards the two copper outlets, then push them slightly in. Twine the iron wire on the stainless steel sheet to fix the flash tube.

TECHNICAL DATA

Model	GT200	GT300	GT400
Max Power (WS)	200WS	300WS	400WS
Guide Number(m ISO 100)	49	58	65
Color Temperature	5600K±200K		
Operating Voltage	AC200-240V/50Hz		
Power Output Control	OFF, 5.0~10.0 (1/64~1/1)		
Modeling Lamp (W)	150W		
Recycle Time	0.05~1.2 second		
Triggering Method	Sync cord, Test button, Slave triggering, Wireless control port		
Flash Duration	1/5000~1/800s		
Fuse	8A		
Dimension	Flash diameterΦ12.5CM, height of flash with handle 25CM, length of flash with lamp cover 35CM		
Net Weight	Approx.1.8KG	Approx.1.9KG	Approx.2KG

MAINTENANCE

- Shut down the device immediately when it works abnormally and find out the reason.
- Avoid sudden impacts and the lamp should be dedusted regularly.
- It is normal for the lamp 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. The flash-tube and the modeling lamp are user-replaceable. Replacement tubes and lamps can be obtained from the manufacturer.
- This product, except consumables e.g. flash tube and modeling lamp, is supported with a one-year warranty.
- Unauthorized service will void the warranty.
- If the product had failures or was wetted, do not use it until it is repaired by professionals.
- Disconnect the power when cleaning the flash or when changing the flashtube / modeling lamp.
- Changes made to the specifications or designs may not be reflected in this manual.

前　言

感谢您使用双子GT系列高速影室闪光灯。此系列产品适用广泛，除了能满足各种影楼和摄影工作室的日常拍摄，在婚纱摄影、人像摄影、产品广告拍摄、儿童摄影等方面表现出色。高速连闪，极速闪光，摄影师可以不受回电时间限制，连续抓拍一系列最自然而又转瞬即逝的表情和动作，清晰凝固精彩每一刻，充分发挥创意尽情拍摄，享受画面捕捉的快感。产品有以下亮点：

- 高速连闪，0.05-1.2秒回电时间
- 极速闪光，1/5000-1/800s闪光速度
- 在中低档位时，高速连拍每秒可达10张
- 50级闪光强度随意选择，LED数码显示屏从5.0-10.0准确定位输出功率
- 150W大功率造型灯，亮度无级可调
- 输出稳定，同一功率高速连续输出变化不超过2%
- 近日光色温，全程色温变化±200k
- 使用神牛FT系列遥控器，可远程控制闪光灯功率大小、造型灯开关、蜂鸣器使能及引闪。

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安全须知

在使用本设备前请仔细阅读下面的安全须知，并妥善保管以便所有本产品使用者可随时参阅。

⚠ 请勿拆卸或改造

内部有高压储能元件，违反此警告可能会触电或导致产品故障。若本产品因为摔落或其他意外事故造成破损，请将产品送至厂家授权的维修中心进行检查维修。

⚠ 保持干燥

请勿用湿手接触产品，亦不可将产品浸入水中或暴露于雨中，否则产品可能会损坏。

⚠ 请勿在儿童伸手可及之处保管本产品

本产品包含可能引起窒息的零件。如果儿童不小心吞食了零件，请立即送往医院救治。

⚠ 请勿置于高温中

请勿将本产品放置于极高温的地方，否则可能导致火灾或损坏本产品的外壳或内部部件。

注意事项

⚠ 闪光灯在全功率的情况下连续引闪*30*次后，需要*3*分钟左右的冷却。如果连续使用而不冷却就会产生高温积热。

⚠ 不可长时间使用造型灯，否则覆盖在灯头上的柔光箱等易燃附件可能会燃烧。有易燃附件时建议连续使用造型灯的时间不超过*10*分钟。请冷却*1*分钟后再继续使用。

⚠ 使用束光筒时，请勿长时间点亮造型灯或过频闪光（全功率每分钟不多于*6*次）。积热会导致闪光灯外壳受损或造成灯的损坏。

⚠ 当闪光灯引闪或造型灯处于工作状态时，存在能量释放，会产生高温，请勿触摸灯头。

⚠ 灯管插座两极存在高压，请勿触摸！装卸灯管及造型灯时请配带绝缘手套。

⚠ 避免突然的碰撞，防止闪光灯管或造型灯受损。

⚠ 请勿将闪光灯头正对人眼闪光（特别是婴儿的眼睛），否则可能会在短时间造成视力障碍。

⚠ 在不使用时，请断开电源。

部　　件

• 机身

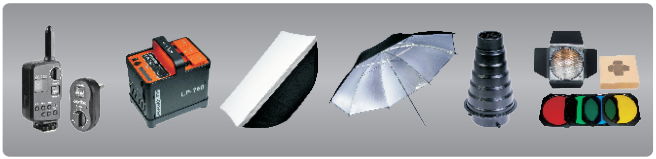
01. 电源插座
02. 同步线插孔
03. 电源开关
04. 造型灯亮度调节旋钮
05. 闪光灯管功率调节旋钮
06. MODEL造型灯按键
07. SOUND蜂鸣按键
08. SLAVE光控模式按键
09. TEST试闪按键
10. 数码显示屏
11. 造型灯指示灯
12. 蜂鸣指示灯
13. 光控指示灯
14. 试闪指示灯
15. 光控接收器
16. 无线控制插座
17. 保险丝座
18. 托架
19. 伞孔
20. 方向调节把手

• 附件

1. 同步线
2. 电源线
3. 反光罩
4. 灯头保护罩
5. 玻璃灯罩
6. 造型灯
7. 说明书

可选购附件

可搭配本公司以下摄影附件使用，以获得最佳的拍摄效果和使用体验：
FT-16遥控器、逆变器、柔光箱、反光伞、灯架、蜂巢、雷达罩、束光筒等。



使　　用

- **固定闪光灯**

1、取下灯头保护罩，装上造型灯并套上玻璃灯罩和反光灯罩。
（如想卸下反光灯罩，请往后按灯头上的附件释放钮，同时逆时针旋转反光灯罩至松开即可，如图）

2、将闪光灯设备安装在一个合适的灯架上，调整好托架（18）并扭紧固定，方向调节把手（20）可按用户要求调节灯的方向。伞孔（19）可以插上各类影楼伞。

- **接通电源**

通过电源线接通交流电源与闪光灯，拨动闪光灯上的电源开关（3），此时数码显示屏（10）亮起，表示连接正常。

- **造型灯使用**

造型灯按键（6）控制造型灯的打开和关闭，当造型灯指示灯（11）点亮时，表示造型灯打开；造型灯指示灯（11）熄灭时，表示造型灯关闭。造型灯亮度调节旋钮（4）可对造型灯的亮度进行设置。造型灯点亮2小时后会自动关闭，防止在无人状态的长时间点亮，导致高温积热产生。

⚠ 如有易燃附件在灯头上，不可长时间点亮造型灯，最好是点亮10分钟后请冷却1分钟后再继续使用，并注意易燃附件温度。

- **功率调节**

闪光功率通过功率调节旋钮（5）来控制，可以从“5.0”至“10”自由调节，数码显示屏(10)将对所选择功率作准确显示,满足客户在不同环境下对光源的要求。数码显示屏(10)显示“OF”时，表示闪光灯引闪功能关闭。从高档调节至低档，有自放电功能，不需引闪放电。

- **试闪按钮**

欲使闪光灯测试闪光而不拍照，请按试闪按钮（9）。摄影师可以通过试闪按钮（9）结合功率调节旋钮（5）来调节闪光亮度。

- **同步触发**

同步线插孔（2）规格为Φ3.50mm，此处可插入同步线或者触发器触发插头对闪光灯进行同步引闪。

- **光控使用**

光控模式有3种选择，由SLAVE光控模式按键（8）进行切换。
（1）非光控模式：光控指示灯（13）不亮，表示光控功能关掉。
（2）1次引闪模式：光控指示灯（13）亮蓝色，表示闪光灯接收到1次外界闪光可以同步触发闪光。此模式下可以做副灯使用，创造多种光影效果。
（3）2次引闪（防预闪）模式：光控指示灯（13）亮红色，表示闪光灯在2秒内接收到2次外界闪光，接收到第2次时可以同步触发闪光。此模式下可以做副灯使用，适用于TTL闪光环境。具有防预闪功能，带一次预闪功能的相机可用光控功能来实现同步拍摄。

- **声音提示**

蜂鸣按键（7）控制蜂鸣提示的打开和关闭，当蜂鸣指示灯（12）点亮时，表示蜂鸣提示音打开；当蜂鸣指示灯（12）熄灭时，表示蜂鸣提示音关闭；
每次回电充满时会响“BI--”一声，提示可以引闪。

- **记忆存储功能**

闪光灯设有参数记忆功能，调节参数3秒后未变更的，闪光灯会自动存储设置好的参数。下次开机使用时初始设置跟关机前一致。

- **无线控制功能**

闪光灯内置无线控制插座（16），配合特定遥控器使用，您可以实现对闪光灯的无线控制。将神牛***FT***系列遥控器的接收端插入“无线控制插座（16）”，手持遥控器发射端，即可远程控制闪光灯的功率开关和大小、造型灯开关、蜂鸣器开关、闪光灯触发等。您也可以将发射端置于相机热靴上，通过相机快门来进行同步引闪。更多遥控器的使用方法，请查阅***FT***系列遥控器的说明书。

- **装卸闪光灯管**

关闭所有电源并拔下电源线，带上绝缘手套，将闪光灯管上的铁丝拧松，用平衡力拿住灯管两脚间，轻轻往外拉出卸下旧灯管。将旧灯管两脚上的套管取下套到新灯管两脚，拿住新灯管两脚间，对准灯头上两铜柱，用平衡力往里推进。最后将铁丝绕灯管弹片并拧紧固定好灯管。

产品参数

型号	GT200	GT300	GT400
闪光能量	200WS	300WS	400WS
闪光指数(m ISO 100)	49	58	65
色温	5600±200K		
电源电压	AC200-240V/50HZ		
闪光功率调控	OFF，5.0~10.0（1/64~1/1）		
造型灯功率	150W		
回电时间	0.05~1.2秒		
闪光触发控制方式	同步线插孔，光控感应，试闪按钮，无线控制插座		
闪光持续时间	1/5000S~1/800S		
保险丝	8A		
尺寸	灯体直径Φ12.5CM 含把手高25CM 含保护罩长35CM		
净重	约1.8KG	约1.9KG	约2KG

维护保养

- 闪光灯在工作时，如发现异常，应立即关掉电源，查明原因。
- 灯体应避免震动，平时注意表面除尘。
- 灯体稍有发热为正常现象，无特别需要时，勿连续引闪。
- 除灯管与造型灯消耗品用户可用原厂配置的自行装卸更换外，所有闪光灯概由本厂指定可供原厂配件之维修部负责。
- 1年保修，由于灯管与造型灯为消耗品，不在1年保修范围。
- 经发现擅自检修此闪光灯，将取消闪光灯之一年保修期，维修需要收取相关费用。
- 如果本品出现故障或者被水淋湿，唯有在专业人员维修后方可继续使用。
- 在维修和清洁本品时请断开电源。
- 如有技术更改，恕不另行通知。

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