

Godox 神牛

QE Series

专业影室闪光灯
Professional Studio Flash



Instruction Manual
说明手册

Chinese English Bilingual | 中英文双语

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FC CE RoHS

前言

感谢您使用QE系列影室闪光灯，此产品持久耐用，功能齐全，性能强大，全方位支持专业摄影师的各种光效创意，是专业影楼和摄影工作室的理想必备光源，适用于婚纱摄影、广告拍摄、人像以及时尚摄影等。产品有以下亮点：

- 30级闪光强度随意选择，LED数码显示屏从5.0-8.0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，同一功率连续输出变化不超过2%
- 防预闪功能，带一次预闪功能的相机用光控可实现同步拍摄
- 自动放电功能，无需预闪放电
- 人机工程学面板，3秒后调节参数智能记忆、开机自动恢复
- 使用神牛FT系列遥控器，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，违反此警告可能会导致触电或产品故障。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

请勿用湿手接触本产品，亦不可将其浸入水中或暴露于雨中，否则本产品可能会损坏。

▲ 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，否则可能引起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。
- ▲ 不可长时间连续使用造型灯，否则可能造成安装在灯头上的柔光箱等易燃附件燃烧。有易燃附件时建议不要连续使用造型灯超过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）。积热会造成闪光灯外壳或灯的损坏。
- ▲ 当闪光灯引闪或造型灯处于工作状态，都存在能量释放，有高温存在，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。
- ▲ 请勿将闪光灯灯头正对人眼光（特别是婴儿的眼睛），否则可能会在短时间内造成视力障碍。
- ▲ 在不使用时，请断开电源。

部 件

• 机身



- | | | |
|---------------|----------------|------------|
| 1. 电源插座 | 8. SLAVE光控模式按键 | 15. 光控接收器 |
| 2. 同步线插孔 | 9. TEST试闪按键 | 16. 保险丝座 |
| 3. 电源开关 | 10. 数码显示屏 | 17. 无线控制插座 |
| 4. 造型灯亮度调节旋钮 | 11. 造型灯指示灯 | 18. 托架 |
| 5. 闪光灯管功率调节旋钮 | 12. 蜂鸣指示灯 | 19. 伞孔 |
| 6. MODEL造型灯按键 | 13. 光控指示灯 | 20. 方向调节把手 |
| 7. SOUND蜂鸣按键 | 14. 试闪指示灯 | |

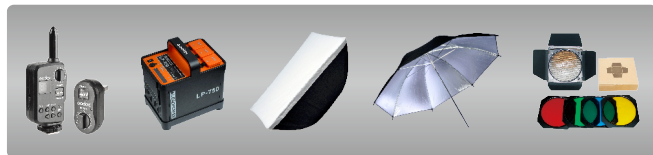
• 附件

1. 同步线
2. 电源线
3. 反光灯罩
4. 灯头保护罩
5. 造型灯
6. 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系列遥控器、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，请往后按压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，根据需要使用方向调节把手（20）来调节灯的方向。伞孔（19）可以插上各类影楼伞。



• 接通电源

通过电源线把闪光灯接通到交流电源上，拨动闪光灯上的电源开关(3)，此时电源开关上的小灯亮，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，以防在无人状态时长时间点亮导致高温积热。



如有易燃附件安装在灯头上，不可长时间点亮造型灯，最好是点亮10分钟后冷却1分钟再继续使用，并注意易燃附件的温度。

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“8.0”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Φ6.35mm，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。

◆非光控模式：光控指示灯(13)不亮，表示光控功能已关闭。

◆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，可做副灯使用，创造多种光影效果。

◆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，使用带一次预闪功能的相机能用光控实现同步拍摄。

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(17)，配合神牛FT系列遥控器使用，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(17)，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	QE300	QE400	QE600	QE800	QE1200
闪光能量	300Ws	400Ws	600Ws	800Ws	1200Ws
闪光指数(m ISO 100)	58	65	76	90	110
色温	5600±200k				
电源电压	AC200-240V/50Hz / AC100-120V/60Hz				
闪光功率调控	OFF, 5.0~8.0(1/32~1/1)				
造型灯功率	150W				
回电时间	0.3~1.2秒		0.3~1.5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	1/2000~1/800s				
保险丝	5A		8A		10A
尺寸	灯体直径Φ14cm 含把手高26cm				
	含保护罩长39cm			含保护罩长49cm	
净重	约2.7kg	约2.9kg	约2.84kg	约3.7kg	约3.9kg

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允许用户用原厂配置的自行装卸更换外，闪光灯的其他维护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。
- 擅自检修此闪光灯，经发现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。

FOREWORD

Thanks for choosing QE series studio flash. It is a durable and high-performance strobe with complete functions to help professional photographers create desired lighting effects. This product is suited for wedding, advertisement, portrait, and fashion photography. The perfect light source and a Must in studios and photo workshops! The QE flash offers:

- Precise output control, 30 steps from 5.0-8.0 in 0.1 increments
- High-qualified modeling lamp, 150W output steplessly adjustable
- Outstanding output stability, a tolerance of $\leq 2\%$ under the same output
- Anti-preflash function, enabling synchronization with cameras having a one-preflash firing system
- Automatic power discharge when the flash output is adjusted from high to low
- Adjusted parameters intelligently remembered after 3s and automatically recovered after a restart
- Wireless control of the flash power ratio, the on-and-off of modeling lamp and buzzer, as well as flash triggering

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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 device. 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 the authorized service center for inspection and maintenance.

▲ Keep dry

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

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

• Accessories

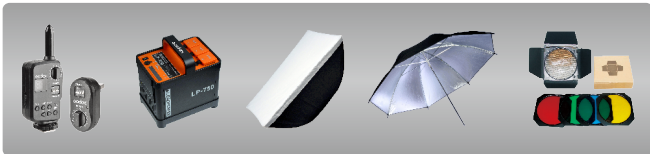
1. Sync Cord
2. Power Cord
3. Standard Reflector
4. Lamp Cover
5. Modeling Lamp
6. Instruction Manual



• Separately Sold Accessories

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

Godox FT series 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 the 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 onto an appropriate light stand. Adjust the mounting bracket (18) for a good angle and make sure it is 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 lamp on the power switch turns on, 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 light requirements in different environment. The power is adjustable freely from 5.0 to 8.0 which will be accordingly shown 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 $\Phi 6.35\text{mm}$ 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).

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

◆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.

◆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, the flash can synchronize with cameras having a one-preflash firing system.

• Buzz Function

The sound button (7) is used for deciding whether there is sound reminder for ready flash after recharging. When the buzz indicator (12) is on, the buzz function is working; when it is off, the buzz function is not working. 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 (17) 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 (17) 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. Wear insulated gloves to 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	QE300	QE400	QE600	QE800	QE1200
Max Power (Ws)	300Ws	400Ws	600Ws	800Ws	1200Ws
Guide Number(m ISO 100)	58	65	76	90	110
Color Temperature	5600±200k				
Operating Voltage	AC200-240V/50Hz or AC100-120V/60Hz				
Power Output Control	OFF,5.0~8.0(1/32~1/1)				
Modeling Lamp (W)	150W				
Recycle Time	0.3~1.2s	0.3~1.5s			
Triggering Method	Sync cord, Test button, Slave triggering, Wireless control port				
Flash Duration	1/2000~1/800s				
Fuse	5A		8A		10A
Dimension	Flash diameterΦ14cm, height of flash with handle 23cm				
	length of flash with lamp			length of flash with lamp	
	cover 39cm			cover 49cm	
Net Weight	Approx. 2.7kg	Approx.2.8kg	Approx.2.84kg	Approx.3.7kg	Approx.3.9kg

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 professional.
- 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.

FCC Warning

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.

***RF warning:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.