GODOX Photo Equipment Co., Ltd.

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Made In China

Instruction Manual

Chinese English Bilingual | 中英文双语
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。

FOREWORD

Thanks for choosing Gemini GS series studio flash. It is a durable and good quality strobe with complete functions to help photographers create desired lighting effects. The product is suited for wedding, portrait, and product photography. The GS flash offers:

- Precise output control, 30 steps from 5.0-8.0 in 0.1 increments
- High-qualified modeling lamp, 150W output steplessly adjustable
- High output stability, a tolerance of not larger than 2% under the same output
- Anti-preflash function, enabling synchronization with cameras having a one-preflash firing system
- Auto power discharge when the flash output is adjusted from high to low
- Adjusted settings intelligently remembered after 3s and automatically recovered after a restart
- Wireless control of the flash power ratio, the on or off of modeling lamp and buzzer, as well as flash triggering

CONTENTS

08 Foreword
09 Warning
09 Caution
10 Names of Parts
10 • Body
10 • Accessories
11 Separately Sold Accessories
11 Operations
11 • Flash Preparation
11 • Power Connection
11 • Modeling Lamp
12 • Power Output Control
12 • Test Button
12 • Sync Triggering
12 • Slave Trigger Model
12 • Buzz Function
13 • Memory Function
13 • Wireless Control Function
13 • Tube Replacement
14 Technical Data
14 Maintenance
Warning

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

⚠️ Do not disassemble or modify. Should the product break down, 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.
⚠️ Keep out of reach of children.
⚠️ Please put the device in a ventilation environment and keep the parts of lighting and heat dissipation holes are unobstructed. Do not use in flammable environment.
⚠️ As this product adopts make and break device, please keep it easy to be used.
⚠️ No touching the heating parts of this product.
⚠️ Please turn off the power and wear insulated gloves before installing and connecting accessories. When replacing the tube or modeling lamp, please make sure that the tube is cool and wear insulated gloves to prevent burns.
⚠️ 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.

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.
⚠️ Avoid sudden impacts as this can damage the flash tube and/or modeling lamp.
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 8.0 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 “BII” 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 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.

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

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Model</th>
<th>Gs200</th>
<th>Gs300</th>
<th>Gs400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Power (WS)</td>
<td>200WS</td>
<td>300WS</td>
<td>400WS</td>
</tr>
<tr>
<td>Guide Number (m ISO 100)</td>
<td>49</td>
<td>58</td>
<td>65</td>
</tr>
<tr>
<td>Color Temperature</td>
<td>5600±200K</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Voltage</td>
<td>AC110V-120V<del>60Hz or AC220V-240V</del>50Hz</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power Output Control</td>
<td>OFF, 5.0<del>8.0 (1/32</del>1/1)</td>
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<td></td>
</tr>
<tr>
<td>Modeling Lamp (W)</td>
<td>150W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recycle Time</td>
<td>AC110V-120V<del>60Hz/0.3</del>1.5s or AC220V-240V<del>50Hz/0.3</del>1.5s</td>
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<td></td>
</tr>
<tr>
<td>Triggering Method</td>
<td>Sync cord, Test button, Slave triggering, Wireless control port</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flash Duration</td>
<td>1/2000~1/800s</td>
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<td>Parameters output from the sync cord jack</td>
<td>5V</td>
<td></td>
<td></td>
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<td>Parameters output from the USB port</td>
<td>5V/200mA (only for Godox receiver)</td>
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<tr>
<td>Fuse</td>
<td>AC220V-240V<del>50Hz: 5A / AC110V-120V</del>60Hz: 8A</td>
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<td></td>
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<tr>
<td>Dimension</td>
<td>Flash diameter 12.5CM, height of flash with handle 25CM, length of flash with lamp cover 35CM</td>
<td></td>
<td></td>
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<tr>
<td>Net Weight</td>
<td>Approx. 1.8KG</td>
<td>Approx. 1.9KG</td>
<td>Approx. 2KG</td>
</tr>
</tbody>
</table>

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 flash tube / modeling lamp.
• Changes made to the specifications or designs may not be reflected in this manual.