GODOX SK300II-V

Godox SK300II-V Studio Flash Light Instruction Manual

Model: SK300II-V

1. Introduction

This manual provides detailed instructions for the safe and effective operation of your Godox SK300II-V Studio Flash Light. Please read this manual thoroughly before use to ensure optimal performance and to prevent damage to the unit or injury to yourself or others. Keep this manual for future reference.
The Godox SK300II-V is an upgraded studio flash unit designed for professional photography. It features a 300Ws power output, a stable color temperature of 5600K, and an integrated 2.4G wireless X system for remote control. The unit also includes an adjustable LED modeling lamp and a versatile Bowens mount for various light modifiers.

2. Safety Instructions

WARNING: Risk of Electric Shock. Do not open. Refer servicing to qualified personnel only.

- Always ensure the power supply matches the voltage requirements specified on the unit.
- Do not operate the flash unit in wet conditions or with wet hands.
- Avoid direct eye exposure to the flash light, as it can cause temporary vision impairment.
- Keep the unit away from flammable materials. The flash tube and modeling lamp can generate significant heat.
- Ensure proper ventilation around the unit during operation to prevent overheating.
- Disconnect the power cable before cleaning or performing any maintenance.
- Do not attempt to repair the unit yourself. Contact authorized service personnel.
- Keep out of reach of children.

3. Product Overview

3.1 Key Features

- Upgraded LED modeling lamp with 5% to 100% adjustable power level.
- Integrated Godox 2.4G wireless X system for remote control of flash power, modeling lamp, and buzzer.
- LCD panel for clear display of parameter information.
- 40 steps of precise output adjustment from 1/16 to 1/1.
- Auto memory and recovery of adjusted panel settings.
- Anti-Preflash function for synchronization with cameras using a one-preflash firing system.
- Stable output with less than 2% shifts under the same output level.
- Standard Bowens mount for compatibility with various light accessories.

3.2 Components

Familiarize yourself with the main components of the SK300II-V flash unit:



Figure 1: Godox SK300II-V Studio Flash Light. This image displays the overall structure of the flash unit, including the flash tube, modeling lamp, and mounting bracket.



Figure 2: LED Modeling Lamp. A close-up view of the LED modeling lamp and flash tube assembly at the front of the unit.



Figure 3: Control Panel. This image shows the rear control panel with the LCD screen, function buttons (GR/CH, S1/S2, BUZZ, MOD/OFF, TEST), power switch, sync port, and USB port.



Figure 4: Carry Handle. A close-up of the integrated handle on the top of the flash unit for easy transport and adjustment.

4. Setup

4.1 Mounting the Flash Unit

1. Attach the flash unit to a sturdy light stand using the mounting bracket.
2. Securely tighten the locking knob on the mounting bracket to prevent accidental movement.
3. Adjust the tilt angle of the flash head as needed and tighten the tilt locking knob.

4.2 Connecting Power

- Ensure the flash unit's power switch is in the "OFF" position.
- Connect the power cable to the AC input port on the rear of the flash unit.
- Plug the other end of the power cable into a suitable AC power outlet.

4.3 Attaching Light Modifiers (Bowens Mount)

- Align the light modifier (e.g., softbox, reflector) with the Bowens mount on the front of the flash unit.
- Insert the modifier into the mount and rotate it clockwise until it clicks into place, indicating it is securely locked.
- To remove, press the release button on the Bowens mount and rotate the modifier counter-clockwise.

5. Operating Instructions

5.1 Powering On/Off

Flip the power switch located on the rear control panel to the "ON" position to power on the unit. The LCD display will illuminate. To power off, flip the switch to "OFF".

5.2 Adjusting Flash Power

- The flash power can be adjusted from 1/1 (full power) to 1/16 in 40 precise steps.
- Use the dial on the control panel to increase or decrease the flash output. The current power level will be displayed on the LCD screen.

5.3 Modeling Lamp Control

The SK300II-V features an LED modeling lamp. Press the **MOD/OFF** button to cycle through the modeling lamp modes:

- **OFF:** Modeling lamp is off.
- **PROP:** Modeling lamp power adjusts proportionally to the flash power setting.
- **PERCENTAGE:** Modeling lamp power can be manually adjusted from 5% to 100% using the dial.

5.4 Wireless Control (Godox 2.4G Wireless X System)

The SK300II-V has a built-in 2.4G wireless X system, allowing remote control using compatible Godox triggers (e.g., X-Pro, X1, XT32, XT16, FT-16). This system offers:

- 16 groups (0-9, A-F)
- 32 channels (1-32)
- Remote adjustment of flash power level.
- Control of modeling lamp modes and buzzer function.

To use wireless control:

1. Set the flash unit's group and channel to match your Godox wireless trigger. Use the **GR/CH** button to adjust.
2. Ensure the wireless function is enabled on both the flash unit and the trigger.
3. Refer to your specific Godox trigger's manual for detailed instructions on pairing and operation.



Figure 5: Wireless X System Overview. This diagram illustrates the control panel and the wireless capabilities of the flash unit, highlighting group and channel settings.

5.5 Sync Modes

- **Normal Sync:** Connect your camera's sync port to the flash unit's sync port using a sync cord.
- **S1/S2 Optical Slave Mode:** Press the **S1/S2** button to activate optical slave mode.
  - **S1 Mode:** The flash will fire in response to the first flash from another unit. Suitable for manual flash.
  - **S2 Mode:** The flash will ignore the first pre-flash from a TTL flash and fire on the second flash. Useful for cameras with pre-flash systems.
- **Anti-Preflash Function:** This function allows synchronization with cameras that use a one-preflash firing system, ensuring accurate flash timing.

5.6 Buzzer Function

Press the **BUZZ** button to toggle the audible beep on or off. When enabled, the unit will beep to indicate recycling completion.

6. Maintenance

- Always disconnect the power before cleaning.
- Use a soft, dry cloth to clean the exterior of the unit. For stubborn dirt, a slightly damp cloth can be used, followed by a dry cloth.
- Do not use harsh chemicals, solvents, or abrasive cleaners.
- Regularly check the flash tube and modeling lamp for any signs of damage. Replace if necessary (refer to qualified service personnel).
- Store the unit in a cool, dry place, away from direct sunlight and excessive humidity.
- When not in use for extended periods, cover the unit to protect it from dust.

7. Troubleshooting

Problem	Possible Cause	Solution
Flash does not fire.	Power cable not connected. Unit not powered on. Trigger not working or not paired. Flash tube damaged.	Check power connection. Turn on the power switch. Verify trigger settings (group, channel) and battery. Contact service for flash tube replacement.
Modeling lamp not working.	Modeling lamp mode set to OFF. Lamp damaged.	Press MOD/OFF button to change mode. Contact service for lamp replacement.
Inconsistent flash output.	Unit overheating. Power fluctuations.	Allow unit to cool down. Ensure proper ventilation. Use a stable power source.
Wireless control not functioning.	Incorrect group/channel settings. Wireless function disabled. Interference.	Match group and channel on flash and trigger. Ensure wireless function is active. Move away from other 2.4G devices.

8. Specifications

Feature	Detail
Model	SK300II-V
Max Power	300Ws
Guide Number (GN)	GN58 (ISO 100)
Color Temperature	5600K ± 200K
Power Output Control	1/16 - 1/1 (40 steps)
Modeling Lamp	LED, 5% - 100% adjustable

Feature	Detail
Recycle Time	0.1 - 1.5 seconds (approx.)
Flash Duration	1/2000 - 1/800s
Sync Modes	Sync Cord, Optical Slave (S1/S2), Wireless Control Port
Wireless Control	Godox 2.4G Wireless X System (16 Groups, 32 Channels)
Bowens Mount	Yes
Dimensions	16.5 x 10.9 x 7.4 inches (Package)
Weight	6.98 pounds (Item)

9. Warranty and Support

This product is covered by a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions. For technical support, service, or warranty claims, please contact your retailer or the official Godox customer service department.
For more information, visit the official Godox website or contact their support channels.

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