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GODOX MS300

Godox MS300 Compact Studio Flash User Manual

Model: MS300

1. Introduction

The Godox MS300 is a compact and durable studio flash designed for professional photography. It offers outstanding power output stability and comprehensive functions, making it suitable for studio photography, portraiture, and still life. This manual provides detailed instructions for safe and effective use of your MS300 flash unit.

Key Features:

- Built-in Godox 2.4G wireless X system for remote control.
- Precisely adjustable power output from 1/32 to 1/1 in 50 steps.
- Integrated 150Ws modeling lamp with adjustable brightness (5% to 100%).
- Outstanding power output stability with less than 2% tolerance.
- Anti-preflash function for synchronization with cameras firing a preflash.
- Parameter memory function: retains settings after 3 seconds and restores upon restart.

2. Safety Information

Please read and understand all safety precautions before using the Godox MS300. Improper use can lead to electric shock, fire, or serious injury.

- Do not disassemble or modify the unit.
- Keep the unit dry. Do not handle with wet hands or expose to water.
- Ensure proper ventilation. Do not cover the ventilation openings.
- Avoid direct eye exposure to the flash.
- Disconnect power before cleaning or maintenance.
- Use only the specified power voltage (AC110V-120V/60Hz or AC220-240V/50Hz).
- The flash tube and modeling lamp can become hot during operation. Allow them to cool before handling.

3. What's in the Box

Upon unpacking, please verify that all items listed below are included and in good condition:

- 1 x Godox MS300 Flash Unit
- 1 x Power Cable
- 1 x Protective Lamp Cover

Note: Additional accessories such as reflectors, light stands, and wireless triggers are sold separately.

4. Setup

Follow these steps to set up your Godox MS300 studio flash:

4.1 Attaching the Flash Tube and Modeling Lamp

The flash tube and modeling lamp are pre-installed. If replacement is needed, ensure the unit is powered off and cooled down. Carefully align the pins of the new lamp with the sockets and push gently until secure.



Figure 4.1: Front view of the Godox MS300, highlighting the flash tube and modeling lamp.



Figure 4.2: A detailed view of the flash tube and internal components.

4.2 Mounting to a Light Stand

The MS300 features a standard mounting bracket compatible with most light stands. Loosen the locking knob on the bracket, slide the flash onto the stand's spigot, and tighten the knob securely. Adjust the tilt angle as needed using the handle and locking lever.



Figure 4.3: The Godox MS300 studio flash unit, ready for setup on a light stand.

4.3 Connecting Power

Connect the provided power cable to the AC input port on the rear of the flash unit. Plug the other end into a suitable power outlet. Ensure the power switch is in the OFF position before connecting.



Figure 4.4: Detailed view of the rear control panel, including the power input.

4.4 Attaching Light Modifiers (Bowens Mount)

The MS300 features a Bowens mount, allowing for a wide range of light modifiers (e.g., softboxes, beauty dishes, snoots). To attach a modifier, align its mounting pins with the slots on the flash head, insert, and twist clockwise until it locks into place. To remove, press the release button and twist counter-clockwise.



Figure 4.5: Side view of the Godox MS300 with a standard Bowens mount reflector attached.

5. Operating Instructions

This section details the operation of your Godox MS300 studio flash.

5.1 Powering On/Off

Locate the power switch on the rear panel of the unit. Flip the switch to the 'ON' position to power on the flash. The LCD display will illuminate. To power off, flip the switch back to the 'OFF' position.

5.2 Adjusting Power Output

The power output can be precisely adjusted from 1/32 to 1/1 in 50 steps. Use the large dial on the rear control panel to increase or decrease the flash power. The current power setting will be displayed on the LCD screen.

5.3 Modeling Lamp Control

The 150W modeling lamp's brightness can be adjusted from 5% to 100%. Press the dedicated modeling lamp button (light bulb icon) on the control panel to cycle through brightness levels or to turn it on/off. Use the adjustment dial to fine-tune the brightness when the lamp is active.

5.4 2.4G Wireless X System

The MS300 features a built-in Godox 2.4G wireless X system for remote control. This allows you to adjust power output, modeling lamp, and buzzer functions using compatible Godox X1, XT16, XPro, or X2T triggers (sold separately). Refer to your trigger's manual for pairing and operation instructions.

5.5 Anti-Preflash Function

The anti-preflash function ensures synchronization with cameras that fire a preflash before the main flash. This feature helps prevent premature firing and ensures accurate exposure.

5.6 Parameter Memory Function

The flash unit is designed to remember the last used parameters. After 3 seconds of inactivity following a setting change, the current parameters are saved. Upon restarting the unit, these settings will be automatically restored.

6. Maintenance

Proper maintenance will extend the lifespan of your Godox MS300 flash unit.

- **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 one. Do not use harsh chemicals or abrasive cleaners.
- **Flash Tube & Modeling Lamp:** Avoid touching the flash tube and modeling lamp directly with bare hands, as oils can reduce their lifespan. If touched, clean with an alcohol wipe.
- **Storage:** 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.
- **Transportation:** When transporting, ensure the protective lamp cover is in place to prevent damage to the flash tube and modeling lamp.

7. Troubleshooting

If you encounter issues with your Godox MS300, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Flash does not fire.	No power, trigger issue, flash in sleep mode, or overheated.	Check power connection. Ensure trigger is properly set up and charged. Press test button to wake flash. Allow unit to cool down if used continuously.
Inconsistent power output.	Voltage fluctuations, or unit not fully recycled.	Ensure stable power supply. Wait for the recycle indicator to confirm full charge before firing.
Modeling lamp not working.	Lamp burned out, or brightness set to 0%.	Check modeling lamp brightness setting. Replace modeling lamp if burned out (refer to section 4.1).
Wireless control not working.	Incorrect channel/group, trigger not paired, or interference.	Verify flash and trigger are on the same channel and group. Ensure trigger is compatible and properly paired. Reduce distance between flash and trigger.

If the problem persists after attempting these solutions, please contact Godox customer support or your retailer for further assistance.

8. Specifications

Detailed technical specifications for the Godox MS300 Compact Studio Flash:

Feature	Specification
Max Power	300Ws
Guide Number (m ISO 100)	58 (with highly effective reflector)
Color Temperature	5600±200K
Operating Voltage	AC110V-120V (60Hz) / AC220-240V (50Hz)
Power Output Control	1/32-1/1 (5.0-10.0) in 50 steps
Modeling Lamp Power	150W
Modeling Lamp Brightness	5%-100%
Recycle Time (110V/220V)	0.1-1.8s / 0.1-1.3s
Flash Duration	1/2000-1/800s
Fuse	F8AL 250V
Dimensions (Flash diameter×Height with handle×Length with lamp cover)	Φ12.6cm × 16.7cm × 28.3cm (approx. 11.14 x 4.96 x 6.57 inches)
Net Weight	Approx. 2.6kg (5.61 pounds)
Compatible Mountings	Nikon, Canon, Sony, Fujifilm, Olympus, Panasonic and Pentax (via compatible triggers)

9. Warranty & Support

Godox products are designed for reliability and performance. For detailed warranty information, please refer to the warranty card included with your product or visit the official Godox website. Keep your purchase receipt as proof of purchase for warranty claims.

For additional support, including a downloadable PDF version of the instructions, please visit the following link:

Download Instructions for Use (PDF)

If you require technical assistance or have questions not covered in this manual, please contact Godox customer service or your authorized dealer.

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