GODOX DP400II

GODOX DP-400II Professional Studio Strobe Flash Light Lamp User Manual

Model: DP400II
Brand: GODOX

1. Introduction

The GODOX DP-400II is a professional 400W studio strobe flash light lamp designed for various photographic applications, including wedding, advertisement, portrait, fashion, and glamour shooting. This durable and reliable studio stroboscope features a built-in Godox X System for enhanced functionality and ease of use.



Figure 1.1: GODOX DP-400II Studio Strobe Flash with standard reflector, protection cap, and modeling lamp.

The DP400II offers significant upgrades from its predecessor, incorporating sophisticated design, advanced techniques, and a wide array of functions to meet the demands of professional photographers.

2. Key Features

- **Built-in Godox X System:** Integrated 2.4G wireless X system for comprehensive wireless control and triggering.
- **Fast Performance:** Flash duration of 1/2000-1/800s and a quick recycle time of 0.3-1.2s.
- **Modeling Lamp:** 150W modeling lamp with 3 modes (OFF, PROP, Percentage) and adjustable brightness from 5%-100%. Settings are automatically recovered after restart.
- **Output Stability:** Ensures consistent flash output for reliable results.
- **Self-Discharge Function:** Automatically discharges without manual intervention in non-manual flash modes.
- **Bowens Mount:** Compatible with a wide range of Bowens mount light shaping accessories such as softboxes, snoots, and reflectors.

- **Upgraded Design:** Features a new large LCD panel for precise control and an upgraded lamp tube with a protective device for extended service life.



Figure 2.1: Overview of DP400II key features including 2.4G wireless X system, digital display, quick recycle, and thermal guard.

3. What's in the Box

Upon opening the package, please verify that all the following components are included:

- DP400II Studio Flash x1
- Standard Reflector x1
- Protection Case x1
- 150W Modeling Bulb x1
- Charger (UK/EU/US Plug) x1
- Power Cable x1
- Cap x1

- Pilot Lamp x1



Figure 3.1: Visual representation of the items included in the DP400II package.

4. Setup

Follow these steps to set up your GODOX DP-400II studio flash:

1. **Mounting:** Securely attach the DP400II flash unit to a compatible light stand using the integrated mounting bracket. Ensure it is stable before proceeding.
2. **Install Modeling Lamp:** Carefully insert the 150W modeling bulb into its socket on the front of the flash unit.
3. **Attach Reflector/Accessories:** Align the standard reflector or any other Bowens mount light shaping accessory (e.g., softbox, snoot) with the Bowens mount on the front of the flash. Rotate clockwise until it locks into place.
4. **Power Connection:** Connect the power cable to the AC power input port on the rear of the flash unit, then plug it into a suitable 110V power outlet.



Figure 4.1: The Bowens mount allows for easy attachment of various light shaping accessories like softboxes, snoots, and standard reflectors.

5. Operating Instructions

5.1 Control Panel Overview

The DP400II features an upgraded LCD panel and intuitive controls for precise adjustments.



Figure 5.1: Detailed view of the LCD panel and control buttons, including Light Sensor, Select Dial + SET Button, MOD/OFF Modeling Lamp Button, BUZZ Button, Test Button, Sync Cord Jack, Wireless Control Port, Fuse, AC Power Socket, and Umbrella Input.

- **Power Switch:** Turns the unit ON/OFF.
- **Select Dial + SET Button:** Used to navigate menus and confirm selections.
- **MOD/OFF Modeling Lamp Button:** Controls the modeling lamp modes (OFF, PROP, Percentage) and brightness.
- **BUZZ Button:** Toggles the beep sound ON/OFF.
- **Test Button:** Triggers a test flash.
- **Group/Channel Buttons:** For setting wireless groups and channels.

5.2 Modeling Lamp Operation

The 150W modeling lamp assists in previewing the light effect.

- Press the **MOD/OFF** button to cycle through modes: OFF, PROP (proportional to flash power), and Percentage (adjustable brightness).
- When in Percentage mode, use the Select Dial to adjust brightness from 5% to 100%.



Figure 5.2: Demonstrates the adjustable brightness of the modeling lamp from 5% to 100% and its effect on lighting.

5.3 Multiple Trigger Modes

The DP400II supports various triggering methods:

- **Godox 2.4G X System Wireless Trigger:** Use X1 TTL wireless flash trigger, XT16, or FT-16 remote control for wireless triggering and power adjustment. Supports 16 groups (0-9, A-F) and 32 channels (1-32).
- **Synchronous Line Trigger:** Connect a sync cord to the Sync Cord Jack.
- **Light-Controlled Trigger (S1/S2 Slave Modes):**
  - **S1 Mode:** Creates a variety of light and shadow effects. It will trigger synchronously with the first flash of the main lamp. This mode is effective when the main lamp's flash is the only pre-flash.
  - **S2 Mode:** With anti-flash function. Useful when working with cameras that emit a pre-flash. The DP400II will ignore the pre-flash and trigger on the second flash.



Figure 5.3: Illustrates the built-in Godox 2.4G Wireless X System and various trigger modes, including S1/S2 slave modes and compatibility with X-system triggers.

6. Maintenance

Proper maintenance ensures the longevity and optimal performance of your DP400II flash unit.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the flash unit. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Do not use harsh chemicals or abrasive cleaners.
- **Lamp Care:** 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 flash unit in a cool, dry place away from direct sunlight, excessive heat, and humidity. Use the provided protection case when transporting or storing.
- **Ventilation:** Ensure the ventilation openings are not blocked during operation to prevent overheating.
- **Power Off:** Always turn off and unplug the unit before cleaning or performing any maintenance.

7. Troubleshooting

If you encounter issues with your GODOX DP-400II, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Flash not firing.	Unit not powered on. Power cable loose. Flash power set too low. Trigger not connected or set correctly. Overheat protection activated.	Ensure power switch is ON. Check power cable connection. Increase flash power setting. Verify trigger connection (sync cord) or wireless settings (channel/group). Allow unit to cool down.
Modeling lamp not working.	Lamp mode set to OFF. Modeling bulb burnt out or loose.	Press MOD/OFF button to select PROP or Percentage mode. Check if bulb is securely inserted. Replace if burnt out.
Inconsistent flash output.	Unit not fully recycled. Power fluctuations.	Wait for the recycle indicator to confirm readiness. Ensure stable power supply.

If the problem persists after attempting these solutions, please contact GODOX customer support for further assistance.

8. Specifications

Attribute	Detail
Model	DP400II
Power Output	400W
Flash Sync Speed	1/2000s
Recycle Time	0.3-1.2s
Modeling Lamp	150W (adjustable 5%-100%)
Mount Type	Bowens Mount
Wireless System	Built-in Godox 2.4G X System
Item Weight	8.67 pounds (approx. 3.93 kg)
Package Dimensions	18.43 x 10.08 x 9.06 inches (approx. 46.8 x 25.6 x 23 cm)
Manufacturer	GODOX
ASIN	B07ZT7F569

9. Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your product or visit the official GODOX website.

GODOX Official Website: www.godox.com

For specific inquiries or issues not covered in this manual, please contact GODOX customer service.

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