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› Godox AD600BM Bowens Mount 600Ws HSS Outdoor Flash Strobe Light User Manual

## GODOX AD600BM

# Godox AD600BM Bowens Mount 600Ws HSS Outdoor Flash Strobe Light User Manual

Brand: GODOX | Model: AD600BM

## 1. PRODUCT OVERVIEW

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The Godox AD600BM is a powerful and portable outdoor flash strobe light designed for professional photography. It features a robust design with integrated battery power and advanced wireless capabilities.

- **High Power Output:** 600Ws with a Guide Number (GN) of 87, offering 9 steps of power adjustment from 1/1 to 1/256.
- **Stable Color Temperature:** Maintains a consistent 5600±200K across the entire power range.
- **Advanced Sync Features:** Full support for High-Speed Sync (up to 1/8000 seconds), First-Curtain Sync, and Second-Curtain Sync.
- **Integrated Wireless System:** Built-in 2.4G Wireless X System for stable output and 80M wireless control with precision.
- **Long-Lasting Battery:** Equipped with an 11.1V/8700mAh large capacity lithium battery pack, providing approximately 500 full power flashes with a recycle time of 0.01-2.5 seconds. DC/AC power options are available (AC module sold separately).
- **Modeling Lamp:** Features a 10W LED modeling lamp with three adjustable brightness steps.
- **User-Friendly Interface:** Large and clear dot-matrix LCD panel for convenient operation.
- **Flexible Positioning:** Includes a handle to adjust different shooting directions of the flash.
- **Firmware Upgrades:** USB port for firmware upgrades to ensure compatibility with the latest technology.

## 2. SETUP GUIDE

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### 2.1 Unpacking and Components

Carefully unpack all items from the product box. The standard package includes:

- 1x Godox AD600BM Flash Unit
- 1x Godox Reflector
- 1x Lithium Battery Pack (WB87B)
- 1x Charger for Battery Pack
- 1x Power Cable
- 1x Cleaning Cloth



Figure 2.1: Contents of the Godox AD600BM kit, featuring the flash unit, battery, charger, and other included accessories.

## 2.2 Battery Installation

To install the lithium battery pack (WB87B) into the AD600BM flash unit:

1. Align the battery pack with the battery compartment on the rear of the flash unit.
2. Gently slide the battery into place until it clicks securely. Ensure the release lever is engaged.



Figure 2.2: Rear view of the Godox AD600BM, highlighting the control panel and the integrated battery pack.



Figure 2.3: The removable lithium-ion battery pack (WB87B) for the Godox AD600BM, detached from the main unit.

### 2.3 Attaching Light Modifiers (Bowens Mount)

The AD600BM features a Bowens mount for compatibility with a wide range of light modifiers such as reflectors, softboxes, and beauty dishes.

1. To attach a modifier, align the modifier's mounting pins with the slots on the flash unit's Bowens mount.
2. Twist the modifier clockwise until it locks into place.
3. To remove, press the release button on the flash unit's mount and twist the modifier counter-clockwise.



Figure 2.4: Side profile of the Godox AD600BM, illustrating the robust adjustable bracket for mounting on light stands and the Bowens mount.

## 3. OPERATING INSTRUCTIONS

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### 3.1 Power On/Off

Press and hold the **ON/OFF** button located on the control panel to power the unit on or off. The LCD screen will illuminate upon activation.

### 3.2 Adjusting Flash Power

Use the control dial (typically a rotary knob) on the control panel to adjust the flash power output. The power can be set from 1/1 (full power) down to 1/256 in 1/3rd stop increments.

### 3.3 Operating Modes

The AD600BM supports various operating modes. Press the **MODE** button to cycle through available modes:

- **Manual (M):** Allows precise manual control over flash power output.
- **Multi (Stroboscopic):** Fires a rapid series of flashes for capturing multiple movements in a single exposure.
- **High-Speed Sync (HSS):** Enables flash synchronization with shutter speeds up to 1/8000 seconds,

useful for overpowering ambient light.

### 3.4 Wireless Operation (2.4G X System)

The built-in 2.4G Wireless X System allows for remote control and triggering of the flash unit. This system supports multiple channels and groups for flexible lighting setups.

1. Activate the wireless function on the flash unit via the control panel.
2. Set the desired channel and group using the **GR/CH** button and control dial.
3. Use a compatible Godox X-series transmitter (e.g., XPro, X1) mounted on your camera's hot shoe to control the flash remotely.

### 3.5 Modeling Lamp

The 10W LED modeling lamp assists in visualizing the light's effect before firing the flash. Press the dedicated modeling lamp button to turn it on and cycle through its three brightness levels.

## 4. MAINTENANCE

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### 4.1 Battery Charging

To charge the lithium battery pack:

1. Remove the battery pack from the flash unit.
2. Connect the battery charger to the battery pack and plug the charger into a power outlet.
3. The charger's indicator lights will show the charging status. Ensure the battery is fully charged before extensive use.

### 4.2 Cleaning

Regularly clean the flash unit and accessories with the provided cleaning cloth. Avoid using harsh chemicals or abrasive materials that could damage the unit.

### 4.3 Flash Tube Longevity

The flash tube of the Godox AD600BM is designed for exceptional durability and long life under normal operating conditions. Users have reported extensive use without needing replacement.

## 5. TROUBLESHOOTING

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If you encounter any issues with your Godox AD600BM, please refer to the following general advice:

- **Unit Not Powering On:** Ensure the battery is fully charged and correctly installed.
- **Flash Not Firing:** Check wireless settings (channel, group) on both the flash and the transmitter. Verify the flash is in the correct operating mode (Manual, Multi, HSS).
- **Inconsistent Output:** Ensure the flash tube is clean and free from obstructions. Check battery level.

For more detailed troubleshooting or persistent issues, please contact Godox customer support or consult the official product website.

## 6. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	GODOX
Model Name	AD600BM
Power Output	600Ws
Guide Number (GN)	87
Color Temperature	5600 Kelvin $\pm$ 200K
Power Adjustment	9 Steps (1/1 to 1/256)
High-Speed Sync	Up to 1/8000 seconds
Wireless System	Built-in 2.4G Wireless X System
Wireless Range	Approx. 80m
Battery Type	11.1V/8700mAh Lithium Battery Pack (WB87B)
Full Power Flashes	Approx. 500
Recycle Time	0.01-2.5 seconds
Modeling Lamp	10W LED (3 adjustable steps)
Mount Type	Bowens Mount
Item Dimensions (D x W x H)	4.92"D x 9.65"W x 4.92"H
Weight	Approx. 3 kg (6.6 lbs)
Compatible Mountings	Sony/Canon/Nikon/Olympus/Fuji Cameras (with appropriate trigger)

## 7. WARRANTY & SUPPORT

### 7.1 Warranty Information

The Godox AD600BM comes with a **1-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

### 7.2 Customer Support

For technical assistance, service, or further inquiries, please visit the official GODOX store or contact their customer support directly.

Visit the **GODOX**  
Store