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## GODOX

# Godox AD600 Pro Outdoor Flash Strobe Light User Manual

Model: AD600Pro

Brand: GODOX

## 1. INTRODUCTION

The Godox AD600Pro is an all-in-one outdoor flash designed for professional photographers. It offers 600Ws of powerful output, high-speed sync up to 1/8000s, and a stable color temperature. With its built-in Godox 2.4G X wireless system, it provides broad compatibility with various camera systems including Canon E-TTL II, Nikon i-TTL, Sony, FUJIFILM, Olympus, and Panasonic. This manual provides detailed instructions for setting up, operating, and maintaining your AD600Pro flash.

## 2. PRODUCT OVERVIEW AND INCLUDED COMPONENTS

Familiarize yourself with the components included in your Godox AD600Pro package:

- 1x AD600 Pro Flash Unit
- 1x Flash Tube
- 1x Lithium Battery Pack (28.8V/2600mAh)
- 1x Battery Charger
- 1x Power Cord
- 1x Reflector
- 1x Instruction Manual (English)
- 1x LETWING Cleaning Cloth



Figure 2.1: The Godox AD600 Pro flash unit and its primary accessories.

## Two Power Supply Methods with Great Flexibility

- Professional lithium battery pack has large capacity (28.8V/2600mAh) to provide 360 full power flashes and recycle in 0.01-0.9 second.



- Adopt AC26 AC power source to achieve AC-DC dual-purpose.(Sold separately)



Figure 2.2: A visual representation of all items typically included in the AD600 Pro package.

## 3. SETUP

### 3.1 Battery Installation and Activation

The AD600Pro uses a professional lithium battery pack (28.8V/2600mAh). Ensure the battery is fully charged before first use. If the battery is new or has been stored for a long time, it may enter a hibernation state to protect its performance. To activate the battery, press the battery button several times until the indicator lights up.

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Video 3.1: Demonstrates the activation method for the Godox WB400P WB26 battery, which is applicable to the AD600Pro battery.



Figure 3.1: The battery compartment and the option to connect an AC power source (AC26, sold separately) for dual use.

## 3.2 Mounting the Flash

The AD600Pro features a robust mounting bracket for attachment to light stands. Securely fasten the flash to a stable light stand using the integrated mount. The angle can be adjusted using the locking knob.

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Video 3.2: A brief overview of the Godox AD600 Pro TTL Studio Flash Strobe Light, showing its physical attributes and mounting.

## 3.3 Attaching Accessories

The AD600Pro is equipped with a Bowens mount, allowing for easy attachment of various light modifiers such as reflectors, softboxes, and beauty dishes. Align the accessory with the mount and twist to lock it into place.



Figure 3.2: Examples of compatible Bowens mount accessories that can be used with the AD600 Pro.

# 4. OPERATING INSTRUCTIONS

## 4.1 Power On/Off and Basic Controls

To power on the unit, press and hold the power button. The LCD screen will illuminate, displaying current settings. Use the control dial and buttons to navigate menus and adjust settings.



Figure 4.1: The control panel of the AD600 Pro, showing the LCD screen and various buttons for operation.

## 4.2 Flash Modes

The AD600Pro supports multiple flash modes:

- **TTL Autoflash:** Automatically adjusts flash output for correct exposure.
- **Manual Flash (M):** Allows precise control over flash output from 1/1 to 1/256 power.
- **Multi Flash (Stroboscopic):** Fires a series of rapid flashes to capture multiple images of a moving subject in a single frame.




Figure 4.2: Key features of the AD600 Pro, highlighting its TTL, HSS, and wireless capabilities.

### 4.3 High-Speed Sync (HSS)


The AD600Pro supports High-Speed Sync (HSS) up to 1/8000s, allowing you to use wider apertures in bright conditions or freeze fast motion. This feature is particularly useful for outdoor photography.

## High-speed continuous shooting


It flashes 12 times per second at 1/16 power, allowing you to easily capture all the action. Ask your subject to jump, and you get 12 mid-air photos to choose from.




2.4G wireless




Automatic exposure



High speed synchronization



speed back




Wide compatibility



Lithium battery



High speed stroboscopic



360 outputs

Support 1/8000s HSS, light complex easy to deal with, more free control of light, photography more worry.

Figure 4.3: The AD600 Pro's ability to capture high-speed action with precision.

### 4.4 Flash Exposure Compensation (FEC)

Adjust the flash output compensation from -3 to +3 in 1/3rd stop increments. This allows for fine-tuning of exposure when using TTL mode.



Figure 4.4: Visual demonstration of how Flash Exposure Compensation affects the final image brightness.

#### 4.5 Wireless Control (2.4G X System)

The AD600Pro features a built-in Godox 2.4G X wireless system, enabling it to function as a master or slave unit. It is compatible with Godox X1T, X2T, and XPro transmitters (sold separately) for remote control and triggering.

- With master & slave function, AD600Pro can use in combination with Godox TTL camera flash, TTL outdoor flash.
- No need a receiver, only need Godox 2.4G X system trigger is needed to realize all functions of AD600 Pro, compatible with X1T, X2T, XPro transmitters.



Figure 4.5: The AD600 Pro's versatility as a master or slave unit within the Godox 2.4G X wireless system.

## Built-in Godox 2.4G Wireless X System with Great Compatibility

- With built-in Godox 2.4G wireless X system, AD600Pro is compatible with Canon E-TTL II, Nikon i-TTL autoflash, Sony, FUJIFILM, Olympus and Panasonic TTL autoflash system. Support for 1/8000s high-speed sync.



**Canon**

**Nikon**

**SONY**

**FUJIFILM**

**OLYMPUS**

**Panasonic**

Figure 4.6: The broad compatibility of the AD600 Pro with major camera brands.

### 4.6 Modeling Light

The AD600Pro includes a 38W LED modeling lamp to assist with focusing and previewing lighting effects before taking a shot.



Figure 4.7: The AD600 Pro with its modeling light active, demonstrating its utility for pre-visualization.

## 4.7 Application Examples

The AD600Pro is suitable for a wide range of photography scenarios, from studio portraits to outdoor events, thanks to its powerful output and portability.

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Video 4.1: Demonstrates the Godox AD600Pro in an outdoor strobe flash setup, showcasing its power and versatility.

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Video 4.2: A concise demonstration of the Godox AD600Pro Strobe Light in action.

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Video 4.3: Shows the Godox AD600Pro being used in both indoor and outdoor shooting scenarios.

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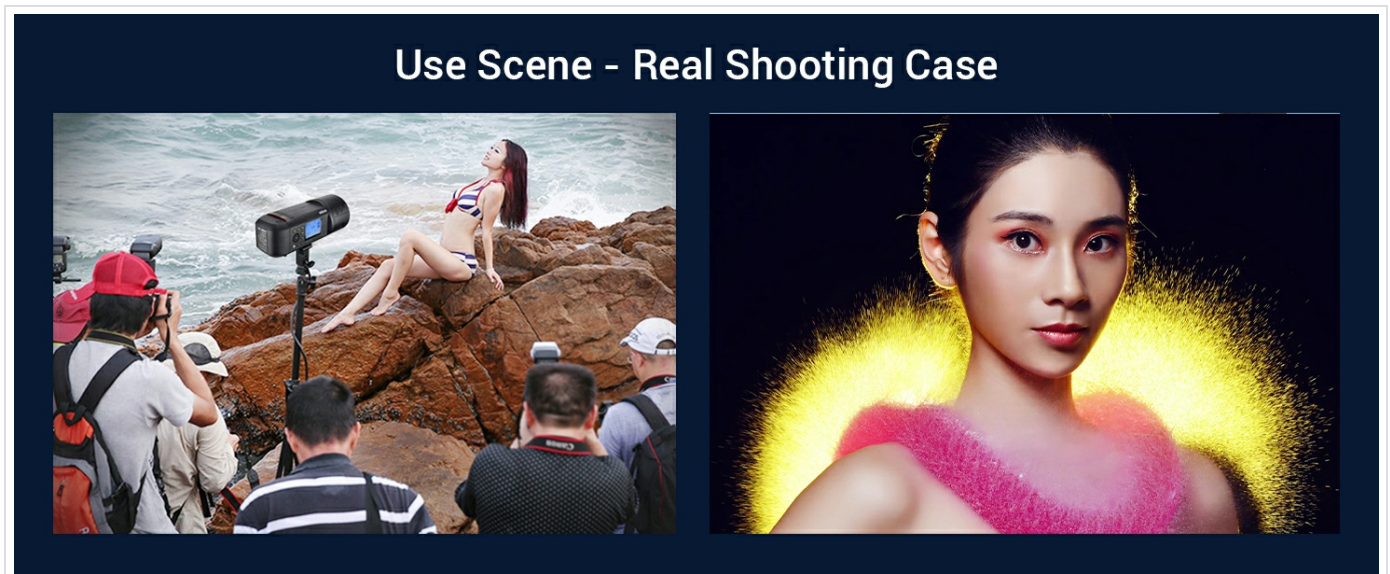


Figure 4.8: The AD600 Pro in use during an outdoor photoshoot on a beach.

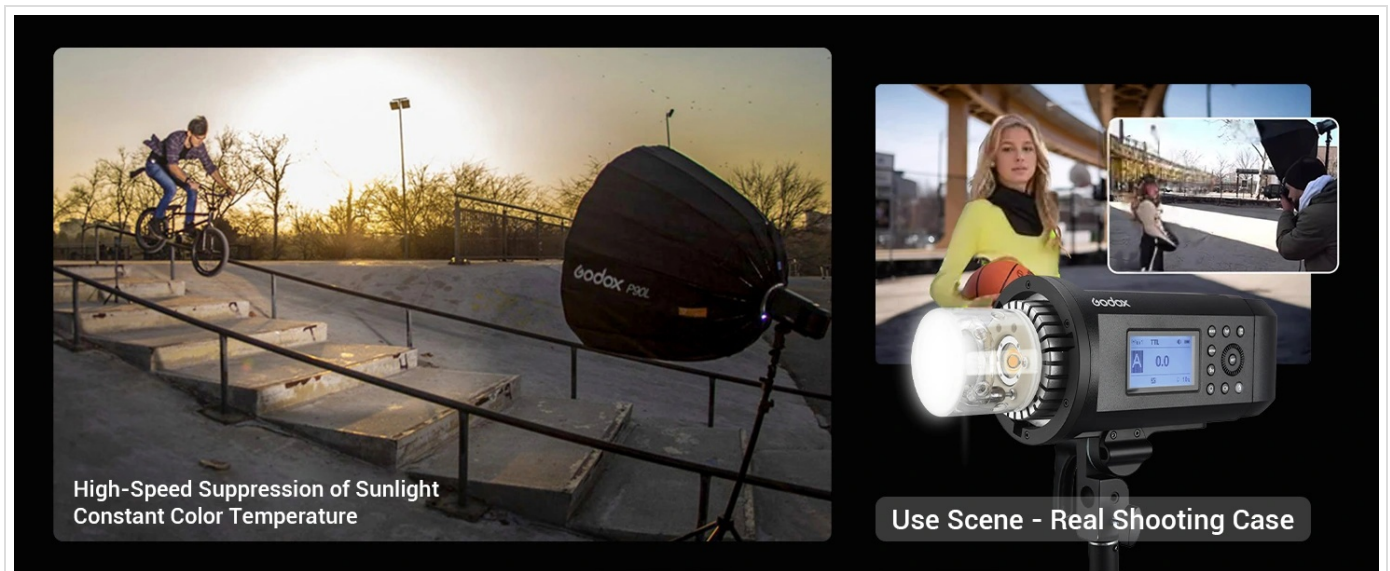


Figure 4.9: The AD600 Pro providing high-speed suppression of sunlight for an outdoor action shot.

## 5. MAINTENANCE

### 5.1 Battery Care

Proper battery maintenance is crucial for extending the lifespan of your AD600Pro's lithium battery:

- Avoid waiting until the battery is completely depleted before recharging.
- Do not leave the battery uncharged for extended periods, as this can lead to over-discharge and reduced performance.
- If the battery is not used for a while, it may enter a hibernation state. Press the battery button multiple times to reactivate it before charging or use.

### 5.2 Cleaning

Regularly clean the flash unit with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid using harsh chemicals or abrasive materials that could damage the unit's surface or internal components.

## 6. TROUBLESHOOTING

### 6.1 Battery Not Charging/Activating

If your AD600Pro battery is not charging or appears unresponsive, it might be in a hibernation state. This is a protective feature. To resolve this, press the battery button (located next to the battery indicator) several times. This action should reactivate the battery, allowing it to charge normally.

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Video 6.1: A visual guide on how to activate the Godox WB400P WB26 battery, which applies to the AD600Pro battery, if it's not charging.

### 6.2 General Issues

For other issues, please refer to the following table:

Problem	Possible Cause	Solution
Flash not firing	Low battery; Incorrect trigger settings; Flash in sleep mode	Charge battery; Check wireless channel/group; Press test button to wake up
Inconsistent exposure	Incorrect flash mode; Subject too far/close; Ambient light issues	Adjust flash power/mode; Reposition flash/subject; Use FEC
Overheating warning	Excessive continuous firing	Allow flash to cool down; Reduce firing frequency

## 7. SPECIFICATIONS

Key technical specifications for the Godox AD600Pro Outdoor Flash Strobe Light:

Feature	Specification
Power Output	600Ws
Flash Duration	1/220 to 1/10100s
High-Speed Sync (HSS)	Up to 1/8000s
Recycle Time	0.01-0.9s
Full Power Flashes	Approx. 360
Modeling Lamp	38W LED
Color Temperature	5600K $\pm$ 200K (Stable Color Mode: $\pm$ 75K)
Wireless Function	Master, Slave, Off
Wireless Range	100m (328 feet)
Channels	32 (1-32)
Groups	5 (A, B, C, D, E)
Dimensions	12.7 x 8 x 8.3 inches
Item Weight	9.53 pounds (with battery)

Feature	Specification
Battery Type	Lithium Polymer (28.8V/2600mAh)

## 8. WARRANTY AND SUPPORT

GODOX products are covered by a manufacturer's warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official GODOX website. For technical support, troubleshooting assistance, or service inquiries, please contact GODOX customer service or your authorized dealer.

You can find more information and products from GODOX at their official store: [GODOX Amazon Store](#).

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