GODOX AD100Pro II

Godox AD100 Pro II Flash Strobe Instruction Manual

Model: AD100Pro II

1. INTRODUCTION

The Godox AD100 Pro II is a compact and powerful 100Ws pocket flash strobe designed for professional photography. It features High-Speed Sync (HSS), TTL automatic exposure, adjustable zoom, and a 2.4G wireless X system for versatile lighting control. This manual provides detailed instructions for setting up, operating, and maintaining your AD100 Pro II to ensure optimal performance.

Image: The Godox AD100 Pro II Flash Strobe demonstrating its enhanced 100Ws flash capability.

2. WHAT'S IN THE BOX

Please check the contents of your package to ensure all items are present:

- Godox AD100Pro II Flash Unit
- Battery (3300mAh)
- AD-E2 Bracket
- Charger

- USB Charging Cable
- Portable Bag

High-Performance Battery

The upgraded 3300mAh battery increases full-power flash capacity to approx. 490 shots, and the addition of a USB-C charging port ensures convenient, reliable power management.

3300mAh Battery

490 Times Full-power Flash

USB-C Charging

0.01~1.5s Recycling Time

Image: All standard items included with the Godox AD100 Pro II Flash Strobe.

3. PRODUCT OVERVIEW & KEY FEATURES

The AD100 Pro II is designed with advanced features for professional use:

- **Enhanced 100Ws Flash Count:** Delivers stable 100W flash output with an upgraded cooling architecture, allowing 60 to 100 consecutive full-power flashes.
- **Quick Sync with X3 / X3 Pro:** Supports full TTL compatibility and 1/8000s High-Speed Sync. Enables immediate wireless connection with Godox X3 and X3Pro triggers.
- **Efficient Lithium Batteries:** Upgraded 3300mAh battery provides approximately 490 full-power shots and features a USB-C charging port.
- **2.4G Wireless X System:** Built-in wireless control system supports TTL/M/Multi modes with a range of up to 100 meters, reducing interference with channel and ID settings.
- **Color-Coded Group Indicator:** A ring of 16 color-coded group indicator lights simplifies multi-light setups.
- **Refined Optics with Adjustable Zoom:** Features a built-in 28-85mm adjustable zoom system for fine-tuning beam spread.
- **Adaptable Circular Flash Head:** Offers better heat dissipation and produces a uniform, circular light spot. Compatible with Godox round-head accessories and Bowens-mount modifiers via the S3 adapter.

A More Adaptable Circular Flash Head

The ad100pro ii features a circular lamp head, which offers better heat dissipation. It can produce a light spot that is closer to a perfect circle, with a relatively uniform light distribution.

Dome Diffuser
Diffuser Plate
Four-wing Reflector
Bounce Card

Snoot
Honey Comb
Color Filter

AK-R1 Accessory Kit

The AD100Pro II features a built-in magnetic mount that works seamlessly with Godox's round-head accessories enabling fast and versatile light-shaping options. With the S3 adapter, it also supports Bowens-mount modifiers, offering broad creative flexibility for both studio and on-location lighting.
The accessories are not included as standard with this product.

Image: Visual representation of new upgrades and finer details of the AD100 Pro II.

4. SETUP

Follow these steps to set up your Godox AD100 Pro II Flash Strobe:

1. **Mounting:** Attach the AD100 Pro II to a light stand using the AD-E2 bracket or directly via its 1/4" threaded mount.
2. **Battery Installation:** Open the battery compartment and insert the 3300mAh lithium battery. Ensure it clicks into place securely.
3. **Power On:** Press and hold the power button to turn on the flash unit.

For a visual guide on installation, please refer to the 'Installation' segment of the official product video below.

Video: Official Godox AD100Pro2 Flash Strobe Operation Tutorial, demonstrating installation, triggering methods, feature demonstrations, and accessories.

5. OPERATING INSTRUCTIONS

5.1. Triggering Methods

The AD100 Pro II offers multiple triggering options:

- **2.4GHz Wireless Triggering:** Use a compatible Godox X-series trigger (e.g., X3, X3Pro) to control the flash wirelessly. Set the channel and ID on both the flash and the trigger for manual channel setup. For quick pairing, use the One-Tap Sync feature with X3/X3 Pro.
- **FT433 Flash Triggering:** Connect an FT433 receiver to the USB-C port for 433MHz control.
- **Optical S1/S2 Sync:** The flash can be triggered optically by another flash. S1 mode is for manual flash, and S2 mode is for TTL flash (ignoring the pre-flash).
- **Sync via 3.5mm Port:** Connect the flash directly to your camera's sync port using a 3.5mm sync cable.
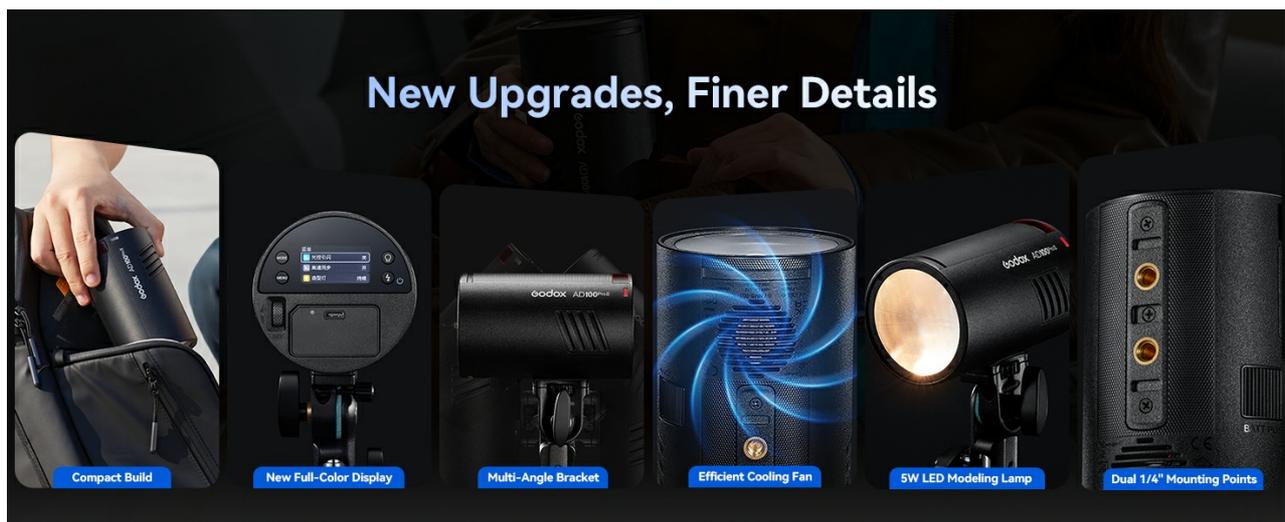

New Upgrades, Finer Details

Compact Build | New Full-Color Display | Multi-Angle Bracket | Efficient Cooling Fan | 5W LED Modeling Lamp | Dual 1/4" Mounting Points

Image: The AD100 Pro II demonstrating quick sync with Godox X3 and X3 Pro triggers.

Image: Flexible triggering options for the AD100 Pro II, including 2.4GHz wireless and 433MHz control.

5.2. Feature Demonstration & Menu Settings

The AD100 Pro II features an intuitive menu system for various settings:

- **Zoom Control:** Press the 'SET' dial to enter zoom control, then rotate to adjust the zoom value (28-85mm).
- **HSS On/Off:** Enable or disable High-Speed Sync from the menu.
- **Modeling Lamp:** Short-press the Modeling Lamp button to activate. Press 'SET' to adjust brightness (10%-100%). Long-press to quickly turn on/off.
- **Beep On/Off:** Toggle the beep sound for flash readiness.
- **Power Type:** Adjust power output settings.
- **Screen Standby:** Set the time before the screen enters standby mode.
- **Auto Off:** Configure the auto-off duration to save battery.
- **Screen Brightness:** Adjust the display brightness.
- **Delay:** Set a delay for flash firing (0.01-30s).
- **Language:** Select your preferred language for the menu.
- **Reset:** Reset all settings to factory defaults.
- **Device Info:** View model and firmware version.

Refer to the 'Feature Demonstration' segment of the official product video for a visual walkthrough of these settings.

5.3. USB-C Charging

The AD100 Pro II battery can be charged via the integrated USB-C port using the provided USB charging cable and charger.
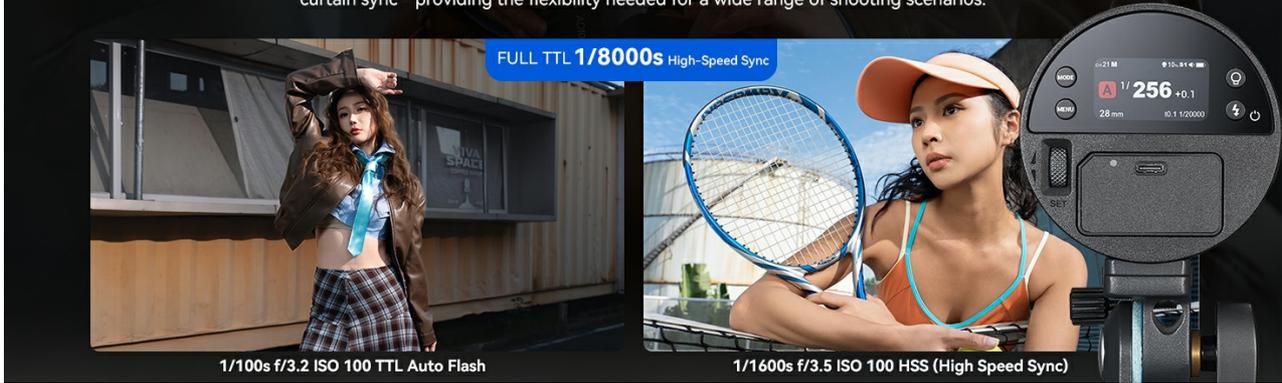
Image: High-performance battery and USB-C charging capabilities of the AD100 Pro II.

6. ACCESSORIES

The Godox AD100 Pro II is compatible with a range of accessories to expand its functionality:

- **Magnetic Modifier Kit AK-R1:** Includes various magnetic modifiers like dome diffuser, diffuser plate, four-wing reflector, bounce card, snoot, honeycomb, and color filters.
- **Projection Attachment AK-R21:** For precise light shaping.
- **Collapsible Diffusion Dome AK-R22:** For soft, diffused light.
- **S3 Speedlite Bracket:** Enables compatibility with Bowens mount accessories, greatly expanding modifier options.
- **Reflector RFT Series:** Standard reflectors for directing light.
- **Snoot SN-05:** For creating a narrow beam of light.
- **Beauty Dish BDR Series:** For distinctive portrait lighting.
- **Flash Projection Attachment BFP:** For advanced light projection.
- **Quick Release Umbrella Softbox UL Series:** For soft, even lighting.

Image: The AD100 Pro II's adaptable circular flash head and compatibility with various accessories.

7. SPECIFICATIONS

Feature	Specification
Brand	GODOX
Model Name	AD100 Pro II
Model Number	AD100Pro II
Flash Sync Speed	1/8000s
Exposure Control Type	TTL, High-Speed Sync
Connectivity Technology	Wireless (2.4G RF)
Compatible Mountings	Canon, Sony, Nikon, Fuji, Olympus, Panasonic, Pentax, Leica
Battery Capacity	3300mAh (approx. 490 full-power flashes)
Recycling Time	0.01-1.5s
Item Dimensions (D x W x H)	2.99"D x 2.99"W x 4.81"H
Weight (with battery)	~564g

Image: Detailed specifications for the Godox AD100 Pro II.

8. TROUBLESHOOTING

If you encounter issues with your Godox AD100 Pro II, consider the following common solutions:

- **Flash not firing:** Check battery level, ensure the flash is powered on, verify trigger settings (channel, ID, group), and confirm the camera's hotshoe connection.
- **Inconsistent exposure:** Ensure TTL mode is correctly set or adjust manual power settings. Check for obstructions between the trigger and flash.
- **Overheating:** Allow the unit to cool down if it has been used for many consecutive full-power flashes. The upgraded cooling system helps, but continuous high-power use can still lead to temporary shutdowns.
- **Wireless sync issues:** Double-check that the flash and trigger are on the same channel and ID. Ensure no other wireless devices are causing interference.
- **Modeling lamp not working:** Check the modeling lamp settings in the menu. Ensure it's not set to off or a very low brightness.

If problems persist, try resetting the unit to factory defaults via the menu settings.

9. MAINTENANCE

To ensure the longevity and optimal performance of your Godox AD100 Pro II, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the flash unit. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the flash in a cool, dry place away from direct sunlight and extreme temperatures. Remove the battery if storing for extended periods.
- **Battery Care:** Charge the battery regularly, even if not in use, to maintain its health. Avoid fully discharging the battery frequently.
- **Handling:** Handle the unit with care to prevent drops or impacts, which can damage internal components.

10. WARRANTY AND SUPPORT

The Godox AD100 Pro II Flash Strobe comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For warranty claims, technical support, or service inquiries, please contact your authorized Godox dealer or visit the official Godox website for further assistance.