GODOX TT600

Godox TT600 2.4G Wireless Flash Speedlite User Manual

Model: TT600 | Brand: GODOX

1. PRODUCT OVERVIEW

The Godox TT600 is a versatile 2.4G wireless flash speedlite designed for a wide range of cameras, including Canon, Nikon, Pentax, Olympus, Fujifilm, and Panasonic. It features a built-in Godox 2.4G X system, allowing for seamless integration with other Godox flash units and triggers. This manual provides detailed instructions for setup, operation, and maintenance of your TT600 speedlite.

Key Features:

- **Wireless X System:** Built-in Godox 2.4G X system for remote control and advanced functions when used with compatible triggers (e.g., X1T/X2T/XPro/XProII/X3).
- **Wide Compatibility:** Compatible with most camera brands featuring a standard hot shoe.
- **Wireless Transmission:** 2.4G wireless transmission with a range of up to 100 meters for stable signal and creative lighting.
- **Superior Performance:** Approximately 230 full power flashes, 0.1-2.6s recycling time, and a max sync speed of 1/8000s (with compatible TTL wireless trigger).
- **High Guide Number:** GN60 (m ISO 100) for high illumination and far irradiation distance, with stable color temperature at 5600±200K.
- **Portable Design:** Large LCD panel for clear operation and powered by 4 AA batteries (not included).

2. WHAT'S IN THE BOX

Upon opening your Godox TT600 package, you should find the following items:

- 1 x Godox TT600 Camera Flash
- 1 x Protective Bag

- 1 x H-type Bracket (Mini Stand)
- 1 x Cleaning Cloth

Image: Contents of the Godox TT600 package.

3. Setup

3.1 Battery Installation

The Godox TT600 requires 4 AA batteries for operation. Ensure you use fresh, high-quality alkaline or Ni-MH rechargeable batteries for optimal performance.

1. Open the battery compartment cover located on the side of the flash unit.
2. Insert 4 AA batteries according to the polarity indicators (+/-) inside the compartment.
3. Close the battery compartment cover securely.

90°

0°

-7°

Angle Adjustment

Horizontally:0~360°
Vertically: -7~90°

Different angles can be adjusted
to improve shooting efficiency.

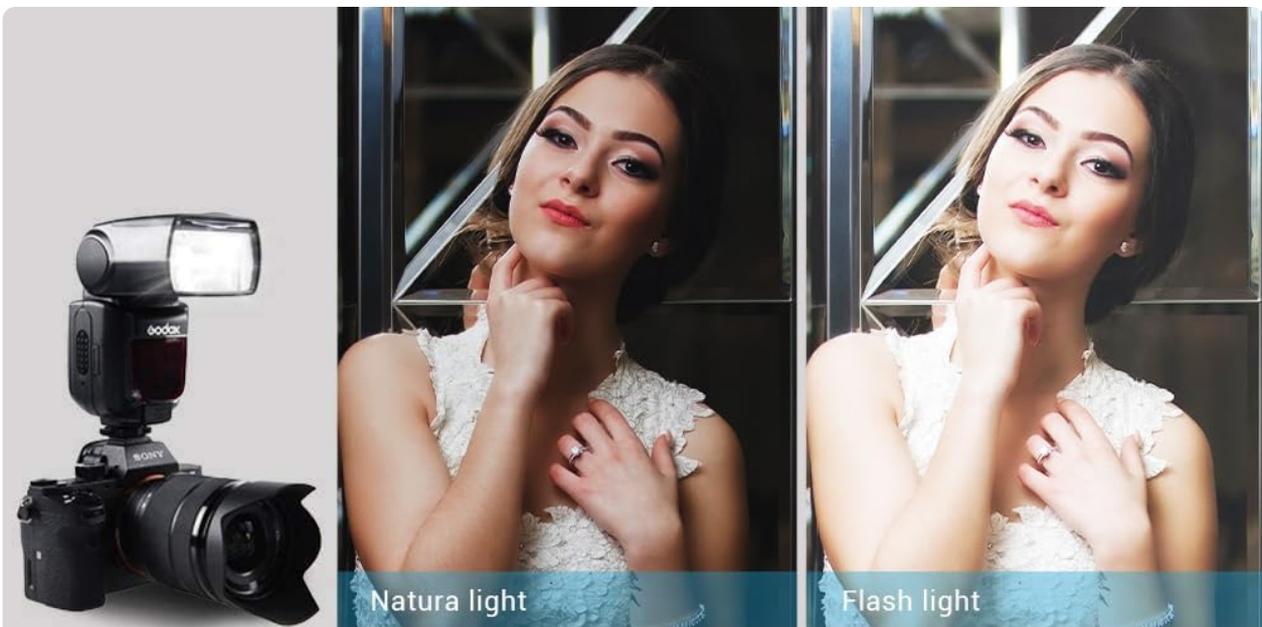Image: Inserting AA batteries into the TT600 flash unit.

Image: Detailed view of the TT600 battery compartment.

3.2 Mounting to Camera

The TT600 features a standard hot shoe for direct mounting onto most DSLR and mirrorless cameras.

1. Ensure the flash is turned off.
2. Slide the flash's hot shoe foot into your camera's hot shoe mount.
3. Rotate the locking ring on the flash unit clockwise until it is securely tightened.

Image: Universal hot shoe compatibility with different camera brands.

3.3 Off-Camera Use (with H-type Bracket)

For off-camera lighting, attach the TT600 to the included H-type bracket (mini stand).

1. Slide the flash's hot shoe foot into the slot on the H-type bracket.
2. Secure the flash by tightening the locking mechanism on the bracket.
3. The bracket allows the flash to stand independently or be mounted on a light stand.

4. OPERATING INSTRUCTIONS

4.1 Controls and LCD Panel

The TT600 features an intuitive control panel and a large LCD screen for easy operation.

Image: Godox TT600 Control Panel and LCD Display.

Image: Close-up of the TT600 LCD screen.

4.2 Flash Modes

The TT600 supports various flash modes for different shooting scenarios:

- **Manual (M) Mode:** Allows you to manually set the flash output from 1/1 to 1/128 power.
- **Multi (Stroboscopic) Mode:** Fires a series of rapid flashes to capture multiple images of a moving subject in a single photograph.
- **S1/S2 Optical Slave Modes:** These modes allow the TT600 to be triggered by another flash. In S1 mode, it fires in response to the first flash. In S2 mode, it ignores the pre-flash of a TTL system and fires on the main flash.

4.3 2.4G Wireless X System

The built-in 2.4G wireless X system enables the TT600 to function as both a master and slave unit within the Godox ecosystem, offering stable and reliable wireless control up to 100 meters.

- **As a Slave Unit:** The TT600 can be triggered by Godox X System triggers (X1, X2, XPro, XProII, X3) or

other Godox flashes acting as master units.

- **As a Master Unit:** The TT600 can control other Godox slave flashes (e.g., TT600, TT350, V860II, V850II, AD200PRO, AD600) directly.

Built-in X System

Built-in 2.4G Wireless Transmission, Wireless Trigger Distance is 100m

TT685II   TT685

V850II

V1

Outdoor Flash

Studio Flash

1.Master unit models

2.Slave unit models

Image: Godox Built-in X System compatibility.

V860II   V850II

AD200PRO

TT350

AD600

TT600

X1/X2/XPro as Master

V860II   V850II

TT685   V350

X1T

TT600 Flash as Master

Image: Master and Slave configurations with TT600.

Image: 2.4G Wireless Transmission Range (100 meters).

4.4 Angle Adjustment

The flash head can be adjusted horizontally and vertically to direct light as needed for various shooting angles and bounce flash techniques.

- **Horizontal Rotation:** 0-360 degrees
- **Vertical Tilt:** -7 to 90 degrees

GODOX TT600 built-in Godox 2.4G wireless X system, can be seamlessly connected with GODOX series flash trigger and GODOX TTL camera flash, studio flash, strobe light,etc.

Image: Flash Head Angle Adjustment.

Angle Adjustment
FLASH LAMP

0~360°	-7~90°
Horizontally	Vertically

Image: Detailed Angle Adjustment Diagram.

4.5 Using the Wide-Angle Diffuser

The TT600 includes a built-in wide-angle diffuser to soften and spread the light, which is useful for wider lenses or to create a softer lighting effect.

Image: Wide-Angle Diffuser extended.

5. MAINTENANCE

5.1 Firmware Upgrade

The TT600 supports firmware upgrades via its USB port to ensure compatibility and access to new features. Visit the official Godox website for the latest firmware and instructions.

Image: Firmware Upgrade Port.

5.2 Cleaning

To maintain the performance and appearance of your flash unit:

- Use the included cleaning cloth or a soft, dry cloth to wipe the exterior of the flash.
- Avoid using solvents or abrasive cleaners.
- Keep the hot shoe contacts clean and free of debris.

6. TROUBLESHOOTING

If you encounter issues with your Godox TT600, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Flash does not fire or fires weakly.	Low battery power, incorrect settings, poor hot shoe connection.	Replace batteries, check flash mode and power settings, ensure flash is securely mounted on camera hot shoe or trigger.
Slow recycling time.	Low battery power, high flash output setting.	Replace batteries, reduce flash output power.
High-Speed Sync (HSS) not working.	HSS is not supported when the TT600 is mounted directly on the camera hot shoe.	HSS is only available when using the TT600 off-camera with a compatible Godox TTL wireless trigger (e.g., X1T, X2T, XPro).
Wireless triggering issues.	Incorrect channel/group settings, interference, distance.	Ensure master and slave units are on the same channel and group. Reduce distance between units. Check for environmental interference.

7. SPECIFICATIONS

Feature	Specification
Product Dimensions	2.99 x 2.52 x 7.48 inches
Item Weight	1.1 pounds
Item Model Number	TT600
Brand	GODOX
Compatible Mountings	Canon (Universal Hot Shoe for most brands)
Camera Flash Type	Slave
Flash Sync Speed	1/8000s (with compatible trigger)
Guide Number	GN60 (m ISO 100)
Recycling Time	0.1-2.6s
Power Source	4 x AA batteries (not included)
Color Temperature	5600±200K

8. WARRANTY AND SUPPORT

8.1 User Guide (PDF)

For a comprehensive user guide in PDF format, please refer to the official document provided by Godox:

Download Official User Guide (PDF)

8.2 Warranty Information

Godox products typically come with a limited manufacturer's warranty. Please retain your proof of purchase for any warranty claims. For specific warranty terms and conditions, refer to the documentation included with your product or visit the official Godox website.

8.3 Customer Support

For technical assistance, troubleshooting, or service inquiries, please contact Godox customer support through their official website or authorized service centers.