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> Godox TT350S Flash Speedlite User Manual

## GODOX TT350S

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# Godox TT350S Flash Speedlite User Manual

Model: TT350S | Brand: GODOX

## 1. WHAT'S IN THE BOX

Upon opening your Godox TT350S package, you should find the following items:

- 1x TT350S Flash Body
- 1x Protection Bag
- 1x H-type Bracket
- 1x Cleaning Cloth



Figure 1.1: Included items with the Godox TT350S Flash Speedlite.

## 2. PRODUCT OVERVIEW AND KEY FEATURES

The Godox TT350S is a compact and versatile flash speedlite designed for Sony cameras, offering a range of advanced features for enhanced photography.

### 2.1 Compatibility

The Godox TT350S camera flash is compatible for Sony DSLR and mirrorless cameras, including models such as A7, A7II, A7III, A7R II, A7R III, A7R IV, A7S, A7S II, A7S III, A7C, A9, A9 II, A77 II, A99 II, A58, A6000, A6100, A6300, A6400, A6500, A6600, ZV-E10, and others. Its TTL autoflash capability simplifies shooting by automatically adjusting flash output.

TT350S can apply to Sony Mirrorless digital series cameras, e.g. A7 A7R A7S A7-II A7-III A7R-II A7R-III A7S-I A58 A99 A6300 A6000 ILCE6000L Rx10 etc Sony DSLR cameras. This TT350S mini camera flash is compatible with TTL autoflash, which makes shooting easier.

**TT350S**  
**36GN**  
 Focal length range 24-105mm

- 2.4G wireless transmission
- TTL autoflash
- Front Curtain Sync  
Rear Curtain Sync
- Flash exposure compensation
- Angle adjustment

Figure 2.1: Godox TT350S mounted on a compatible Sony camera.

## 2.2 2.4G Wireless Transmission

The TT350S features 2.4G wireless X System for optical transmission, providing uniform illumination and stable output. It offers all-in-one functions and a continuous transmission range of 30 meters. This system allows seamless integration with other Godox products, expanding your lighting possibilities.



As a master until, TT350S can control the following slave until models: AD400Pro AD200Pro V860II-S V860III-S TT685II-S TT600 V850II V850III etc.

### 2.4G wireless transmission

2.4G wireless transmission and 100 meters further transmission more than 2 times the normal speedlight



As a slave until, TT350S can be control the following master until models: X1T-S X2T-S XPro-S V860II-S V860III-S TT685II-S TT600 V850II V850III

### Optic transmission

Optic transmission with even illumination and stable output

Figure 2.2: Illustration of 2.4G wireless transmission capabilities.

## 2.3 Lightweight, Portable, and Compact Design

With its compact body, the TT350S is approximately half the size of a standard dome light, making it easy to handle and transport. Its lightweight design ensures it does not add significant burden, making it ideal for portraits, travel, and on-location shooting.





Figure 2.4: Overview of TTL, Manual, and Multi-flash functions.

## 2.5 Humanized Design

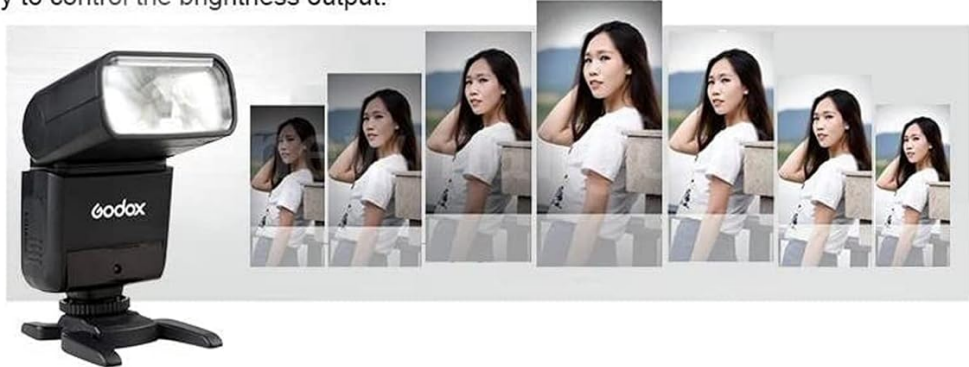
The TT350S is equipped with an LCD panel for clear and easy operation. Four function buttons allow for quick setting changes, and a jog dial enables precise parameter adjustments. It also includes over-temperature protection and supports firmware upgrades for continuous improvement.

**TTL**

Light levels are measured through the lens, and then set the correct exposure, and control the amount of light emitted by a flash connected to the camera automatically.

**M**

8 levels of output control (1/128--1/1), 22 levels of fine adjustment, more precisely to control the brightness output.

**MULTI**

Used to record the continuous motion of the subject.



Figure 2.5: Front view of the TT350S with labeled controls.

## 2.6 Master and Slave Flash Capabilities

As a master unit, the TT350S can control various Godox slave flash models, including AD200, AD200 Pro, AD200 Pro II, AD300 Pro, AD400 Pro, AD600 Pro, AD600 Pro II, V860II-S, V860III-S, TT685II-S, V1-S, V1Pro-S, V100S, V850II, V850III, TT685S, and TT600. As a slave unit, it can be controlled by master flash models such as X1T-S, X2T-S, XPro-S, XProII-S, X3S, V860II-S, V860III-S, V850II, TT685IIS, and TT600.



To set the bounce direction, hold the flash head and turn it to a satisfying angle.

Figure 2.6: Master and Slave flash setup examples.

### 3. SETUP

#### 3.1 Battery Installation

The Godox TT350S requires two AA batteries for operation. To install, locate the battery compartment on the side of the flash unit. Open the compartment cover, insert the batteries according to the polarity indicators (+/-), and securely close the cover.



Figure 3.1: Battery compartment location.

### 3.2 Mounting on Camera

To mount the TT350S onto your camera, slide the flash unit's hotshoe into the camera's hotshoe mount. Secure it by rotating the lock ring clockwise until it is firmly attached. Ensure the hotshoe connection is clean and free of debris for optimal communication between the flash and camera.

## 4. OPERATING MODES

The Godox TT350S offers several operating modes to suit various photographic needs:

### 4.1 TTL Autoflash Mode

In TTL (Through-The-Lens) mode, the flash automatically measures the light through the camera's lens and adjusts its output for correct exposure. This mode simplifies flash photography by providing automatic and accurate light control.

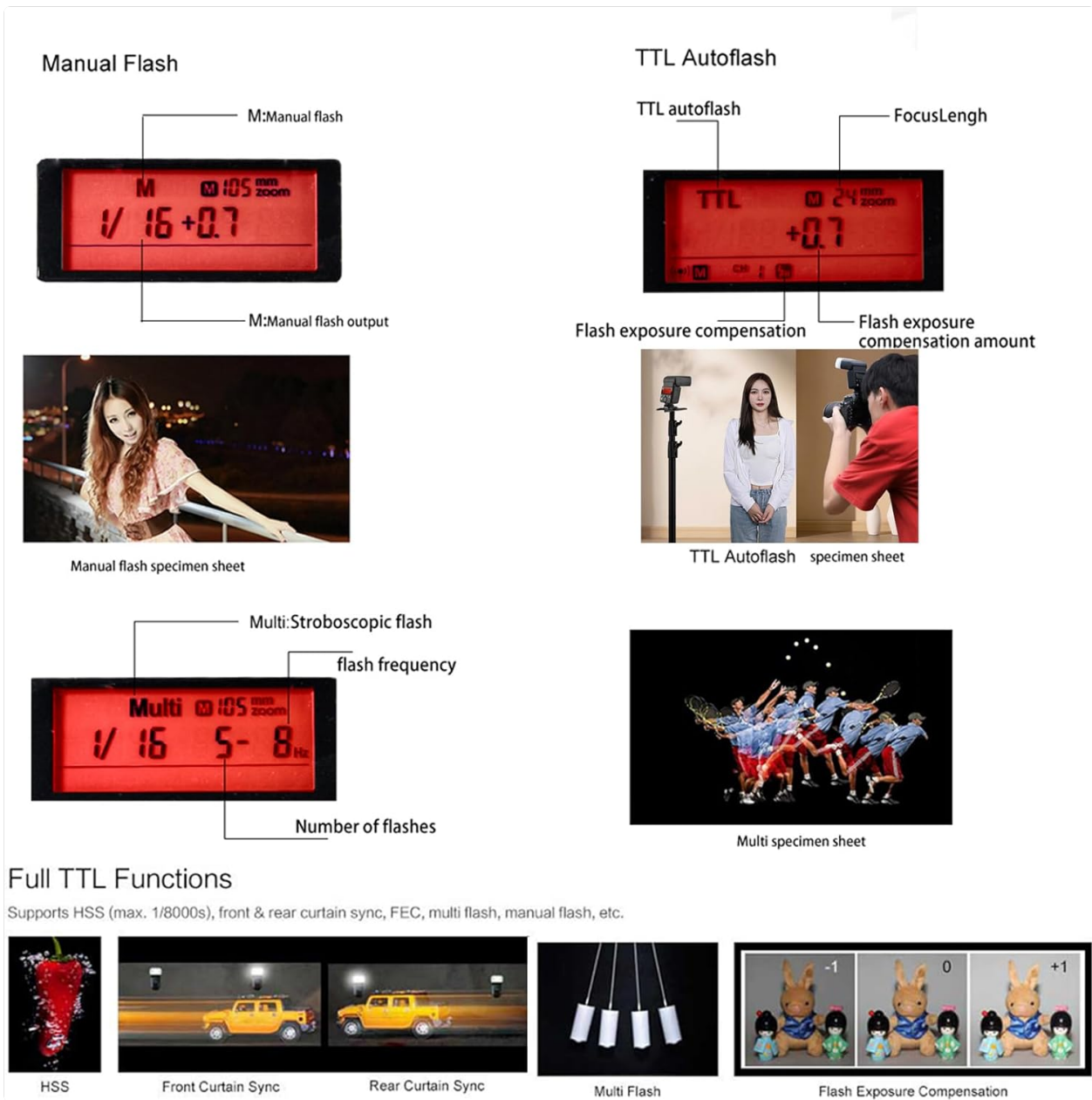


Figure 4.1: TTL mode display and functionality.

## 4.2 Manual (M) Flash Mode

Manual mode allows you to precisely control the flash output, offering 8 levels of output control (1/128 to 1/1) with 22 levels of fine adjustment. This mode is ideal for photographers who prefer full control over their lighting.

## 4.3 Multi Stroboscopic Flash Mode

Multi mode is used to record the continuous motion of a subject by firing a series of rapid flashes. You can adjust the flash frequency and the number of flashes to capture dynamic sequences.

## 4.4 High-Speed Sync (HSS)

HSS allows the flash to synchronize with shutter speeds up to 1/8000s, enabling you to use flash in bright ambient light conditions or with wide apertures for shallow depth of field effects.

Your browser does not support the video tag.

Video 4.1: Godox TT350 TTL Mini Flash Speedlite for Shooting. This video demonstrates the flash in action, showcasing its compact size and various features during a photoshoot.

## 5. FLASH HEAD ADJUSTMENT

The flash head of the TT350S offers flexible adjustment for bouncing light and achieving desired lighting effects:

- **Vertical Tilt:** The flash head can tilt from  $-7^{\circ}$  to  $90^{\circ}$  vertically.
- **Horizontal Rotation:** The flash head can rotate from  $0^{\circ}$  to  $270^{\circ}$  horizontally.

These adjustments allow you to bounce the flash off ceilings or walls for softer, more natural illumination, or to direct light precisely as needed.



Figure 5.1: Flash head tilt and rotation ranges.

## 6. MAINTENANCE

To ensure the longevity and optimal performance of your Godox TT350S Flash Speedlite, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the flash body. For the LCD screen and flash tube, use a microfiber cloth specifically designed for optics. Avoid using harsh chemicals or abrasive materials.

- **Storage:** When not in use, store the flash in its protective bag in a cool, dry place, away from direct sunlight and extreme temperatures. Remove batteries if the flash will not be used for an extended period to prevent leakage.
- **Handling:** Handle the flash with care. Avoid dropping it or subjecting it to strong impacts, as this can damage internal components.
- **Hotshoe Protection:** Always use the provided hotshoe cover when the flash is not mounted on a camera to protect the electrical contacts from dust and damage.

## 7. TROUBLESHOOTING

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If you encounter issues with your Godox TT350S, refer to the following common troubleshooting steps:

- **Flash Not Firing:**
  - Check if the batteries are correctly inserted and have sufficient charge.
  - Ensure the flash is securely mounted on the camera's hotshoe.
  - Verify that the flash is powered on and not in sleep mode.
  - Check camera flash settings to ensure external flash is enabled.
  - If using wireless mode, ensure the master and slave units are on the same channel and group.
- **Incorrect Exposure:**
  - In TTL mode, check Flash Exposure Compensation (FEC) settings on both the flash and camera.
  - In Manual mode, adjust the flash power output (1/1 to 1/128) as needed.
  - Ensure the flash head zoom matches the lens focal length or is set to auto.
  - Check for obstructions between the flash and subject, or if bouncing, ensure the surface is neutral colored.
- **Slow Recycle Time:**
  - Replace batteries with fresh ones or use high-quality rechargeable batteries.
  - Allow the flash to cool down if it has been used continuously at high power.
- **LCD Screen Not Displaying:**
  - Check battery charge.
  - Press any button to wake the screen from sleep mode.

If problems persist, consult the official Godox support resources or the full user guide PDF.

## 8. SPECIFICATIONS

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Feature	Detail
Product Dimensions	6.5 x 3.35 x 2.56 inches
Item Weight	11.9 ounces
Item Model Number	TT350S
Brand	GODOX
Compatible Mountings	Sony

Camera Flash Type	Slave
Flash Sync Speed	1/8000s (HSS)
Included Components	1x TT350S Flash Body; 1x Protection Bag; 1x H-type Bracket; 1x Cleaning Cloth
Date First Available	January 9, 2017
Manufacturer	Godox

## 9. WARRANTY AND SUPPORT

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For detailed warranty information and further support, please refer to the official user guide provided by Godox. You can access the PDF version of the user guide via the following link:

[Download User Guide \(PDF\)](#)

For additional inquiries or technical assistance, please visit the official GODOX website or contact their customer support.