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› Godox TT685II-N I-TTL Speedlite Instruction Manual

## GODOX TT685II-N

# Godox TT685II-N I-TTL Speedlite Instruction Manual

**Brand:** GODOX

**Model:** TT685II-N

## INTRODUCTION

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This manual provides comprehensive instructions for the operation and maintenance of your Godox TT685II-N I-TTL Speedlite. Designed for compatibility with Nikon cameras, this high-speed sync flash integrates the Godox 2.4G Wireless X System, offering versatile lighting solutions for various photographic needs. Please read this manual thoroughly before use to ensure proper function and longevity of the product.

## PRODUCT OVERVIEW AND COMPONENTS

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The Godox TT685II-N Speedlite is a powerful and versatile flash unit. Familiarize yourself with its main components and controls.



Figure 1: Godox TT685II-N Speedlite and included accessories, including a protective pouch, mini stand, and cleaning cloth.

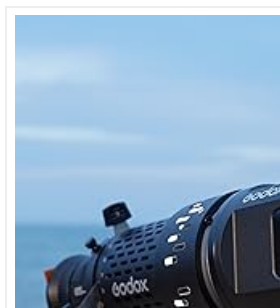


Figure 2: Detailed view of the Speedlite's control panel, highlighting the LCD display, function buttons, and various controls.

- **LCD Display:** Shows current settings and modes.
- **Function Buttons (1-4):** Context-sensitive buttons for menu navigation and setting adjustments.
- **Menu Button:** Accesses the main menu for custom functions.
- **Test Button/Flash Ready Indicator:** Fires a test flash and indicates when the flash is ready.

- **Power Output +/-:** Adjusts flash power output in manual mode.
- **Mode Selection Button:** Cycles through TTL, Manual, and Multi-flash modes.
- **Set Button:** Confirms selections.
- **Lock Button:** Locks/unlocks the control panel.
- **Wireless Selection Button:** Toggles between transmitter and receiver modes for wireless operation.
- **Power Switch:** Turns the unit on/off.
- **Select Dial:** Navigates menus and adjusts values.
- **Quick Release Lock:** Secures the flash to the camera hotshoe.
- **Hotshoe:** Connects the flash to the camera.



Figure 3: Side view of the Speedlite, showing the Type-C USB port for firmware updates and the 3.5mm sync cord jack for external triggers.

## SETUP

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### Battery Installation

The TT685II-N uses four AA batteries. Ensure correct polarity when inserting them.

1. Uncover the battery compartment by sliding the cover.
2. Insert four AA batteries according to the polarity indicators.
3. Close the battery compartment securely.

### Mounting on Camera

Attach the Speedlite to your camera's hotshoe.

1. Slide the Speedlite's hotshoe into your camera's hotshoe.
2. Rotate the Quick-release Lock clockwise to secure the flash firmly.

### Connecting External Power Pack (Optional)

For faster recycling times and extended use, connect an external power pack like the Godox PB960.

# Worry-Free Battery Life

With the power port, you can connect the TT685II with an external Lithium-Ion power pack as PB960 to boost the flash performance for more possibilities.



*\*PB960 for Optional Purchase*

Figure 4: The Speedlite connected to an external Godox PB960 power pack for enhanced performance. Ensure batteries are installed in the TT685II-N even when using an external power pack.

## OPERATING INSTRUCTIONS

### Power On/Off

Push the power switch to turn the unit on or off.

### Flash Modes

The TT685II-N supports TTL, Manual (M), and Multi-flash modes.

- **TTL Mode:** Automatic flash output based on camera metering. Supports HSS (High-Speed Sync up to 1/8000s), FEC (Flash Exposure Compensation), FEB (Flash Exposure Bracketing), and rear-curtain sync.
- **Manual (M) Mode:** Allows manual adjustment of flash output from 1/1 to 1/128.
- **Multi-flash Mode:** Fires a series of rapid flashes for creative effects.

Short press the **MODE** button to cycle through these modes.

## TCM Instant Conversion

The TCM function allows instant conversion from TTL to Manual mode while retaining the proper exposure value.



Figure 5: TCM function demonstrating exposure consistency when converting from TTL to Manual mode.

To use TCM, shoot in TTL mode first, then short press the **TCM** button to transform to M mode. The flash output will be retained, and you can then adjust it manually.

## FEB (Flash Exposure Bracketing) Function

FEB allows the flash to automatically bracket exposure, taking three shots at different exposure values.

# FEB Function

Short press the FEB button and turn the dial to set the FEB amount, Shoot 3 times to obtain 3 images of correct exposure, underexposure and overexposure.



Figure 6: Demonstrating the FEB function, which captures three images with varying exposures.

Short press the **FEB** button and turn the dial to set the FEB amount. Shoot three times to obtain images of correct exposure, underexposure, and overexposure.

## 2.4G Wireless X System

The TT685II-N has a built-in 2.4G wireless X system for seamless connectivity with compatible flashes or flash triggers. It can function as both a transmitter (TX) and a receiver (RX).

# 2.4G Wireless X System

The TT685II is also built-in with Godox 2.4G wireless X system to obtain seamless connectivity with compatible flashes or flash triggers.



Figure 7: The Speedlite operating as part of the Godox 2.4G Wireless X System, allowing remote control and multi-flash setups. To select Transmitter (TX) or Receiver (RX) unit, short press the **Wireless Selection Button**. Ensure the channel and group settings match between the transmitter and receiver units for successful communication.

Video 1: Official Godox TT685II Operation Tutorial. This video demonstrates various functions including battery installation, external power connection, wireless setup (TX/RX), control panel navigation, and specific flash modes like TCM and FEB.

## MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Speedlite.

- Clean the flash regularly with a soft, dry cloth. Avoid using solvents or harsh chemicals.
- Remove batteries if the flash will not be used for an extended period to prevent leakage.
- Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.
- Protect the flash tube from dust and damage.

## TROUBLESHOOTING

If you encounter issues with your Godox TT685II-N Speedlite, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Flash does not fire.	Low battery, incorrect mode, flash not securely mounted.	Replace batteries, check flash mode (TTL/M/Multi), ensure secure hotshoe connection.
Flash output is too dark/bright.	Incorrect FEC/power setting, subject too far/close.	Adjust FEC or manual power output, reposition subject.
Wireless trigger not working.	Mismatched channel/group, flash in incorrect wireless mode (TX/RX).	Verify channel and group settings, ensure correct TX/RX mode.
Slow recycling time.	Low battery, high power output.	Replace batteries, use external power pack, reduce power output.

## SPECIFICATIONS

Feature	Detail
Model Number	TT685II-N
Brand	GODOX
Flash Sync Speed	1/8000s (High-Speed Sync)
Wireless System	Godox 2.4G Wireless X System
Item Weight	1.76 pounds
Package Dimensions	10.04 x 6.69 x 4.72 inches
Country of Origin	China

## WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official Godox website or contact your local distributor. Keep your purchase receipt as proof of purchase for warranty claims.

For additional resources and product updates, visit the [Official GODOX Store on Amazon](#).