GODOX TT685II-N

Godox TT685II-N Flash User Manual

Model: TT685II-N

Product Overview

The Godox TT685II-N is a versatile camera flash speedlite designed for Nikon cameras, featuring E-TTL II autoflash compatibility and a built-in Godox 2.4G Wireless X System. This manual provides detailed instructions for its setup, operation, and maintenance to ensure optimal performance and longevity.



Figure 1: Godox TT685II-N Flash with included accessories, including the flash unit, mini stand, protective case, color filters, and white diffuser.

Safety Precautions

- Do not disassemble or modify the flash unit. High voltage components are present.
- Keep the flash unit dry. Do not expose to rain or moisture.
- Avoid direct eye exposure to the flash.
- Use only specified batteries (4x AA batteries).
- Do not operate the flash in the presence of flammable gases or liquids.

Setup and Installation

1. Battery Installation

The TT685II-N flash requires four (4) AA batteries for operation. Ensure batteries are inserted with correct polarity.



Figure 2: Open the battery compartment and insert four AA batteries, ensuring correct polarity. Close the compartment securely.

2. Mounting on Camera

Attach the flash to your Nikon camera's hot shoe using the quick-release lock mechanism.



Figure 3: The quick-release lock ensures secure and rapid attachment to the camera hot shoe.

3. External Power Supply (Optional)

For extended use and faster recycling times, the TT685II-N can be connected to an external lithium-ion power pack like the Godox PB960 (sold separately).

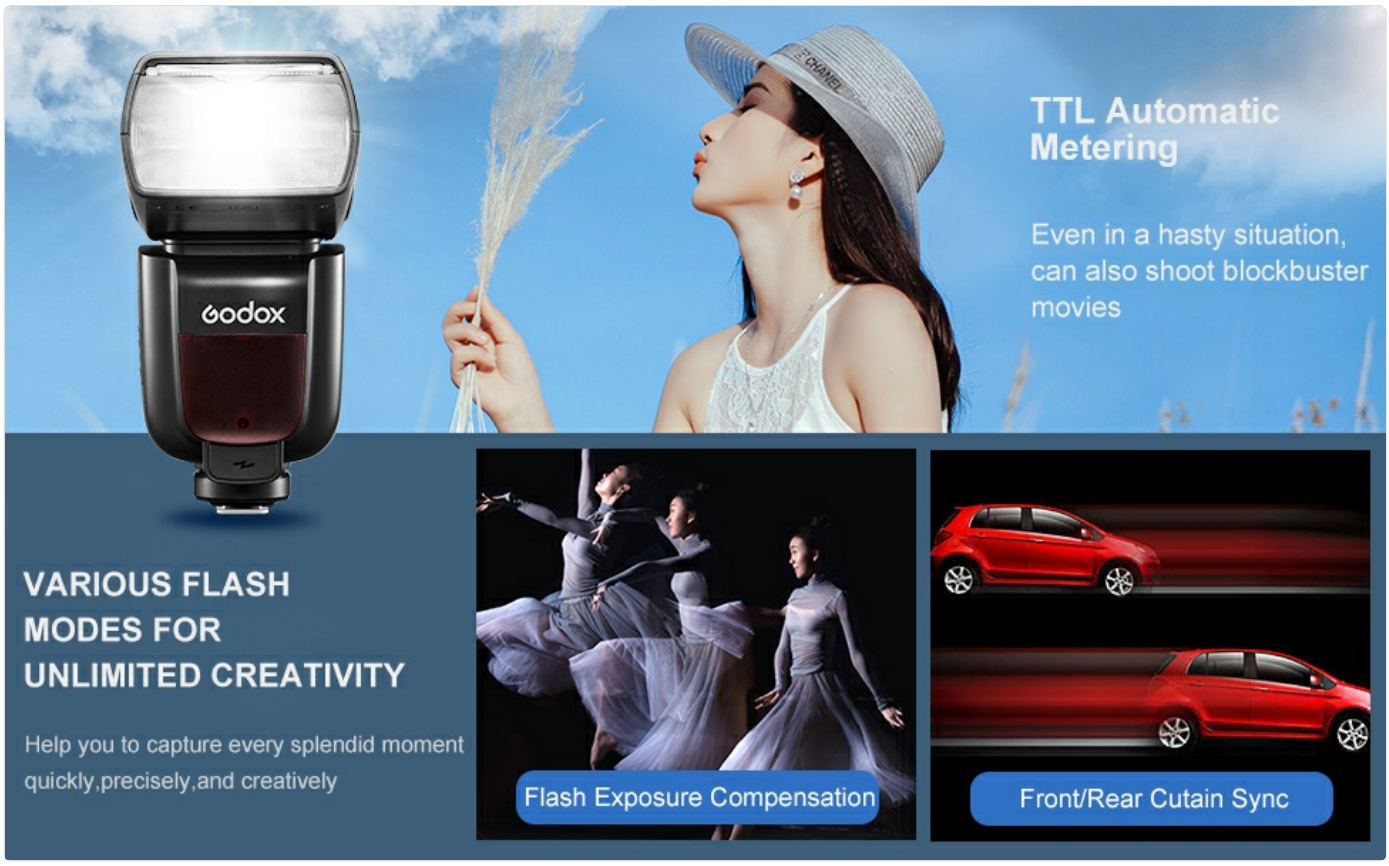


Figure 4: The power port allows connection to an external power pack for enhanced performance.

Operating Modes and Functions

The Godox TT685II-N offers various flash modes and functions to suit different photographic needs.

Your browser does not support the video tag.

Video 1: An operational tutorial demonstrating key features and functions of the Godox TT685II-N E-TTL Speedlite.

1. TTL Autoflash Mode

In TTL (Through-The-Lens) mode, the flash automatically adjusts its output to achieve correct exposure. Functions such as HSS (High-Speed Sync), FEC (Flash Exposure Compensation), FEB (Flash Exposure Bracketing), and rear-curtain sync are available.

- **HSS (High-Speed Sync):** Allows the flash to synchronize with shutter speeds up to 1/8000s, enabling flash use in bright ambient light or with wide apertures.
- **FEC (Flash Exposure Compensation):** Adjusts the flash output relative to the camera's metered exposure. Use the +/- button and dial to set the FEC amount.
- **FEB (Flash Exposure Bracketing):** Automatically takes three shots, changing the flash output for each shot from -1.3 to +1.3 in 1/3rd stops.

2. Manual Flash Mode (M)

In Manual mode, you set the flash output power manually from 1/1 (full power) to 1/128. This provides precise control over lighting.

- **TCM Function:** Converts the TTL flash value into a manual output value, allowing for quick transitions from automatic to manual control while retaining the exposure.

3. Multi Flash Mode (Stroboscopic)

Multi flash mode fires a series of rapid flashes to capture multiple movements of a subject in a single image. You can set the flash output, frequency (Hz), and number of flashes (Times).

4. 2.4G Wireless X System

The built-in 2.4G Wireless X System allows the TT685II-N to function as both a transmitter (TX) and a receiver (RX) unit, enabling wireless control and triggering with other Godox X System devices. The system offers a transmission distance of up to 100 meters.

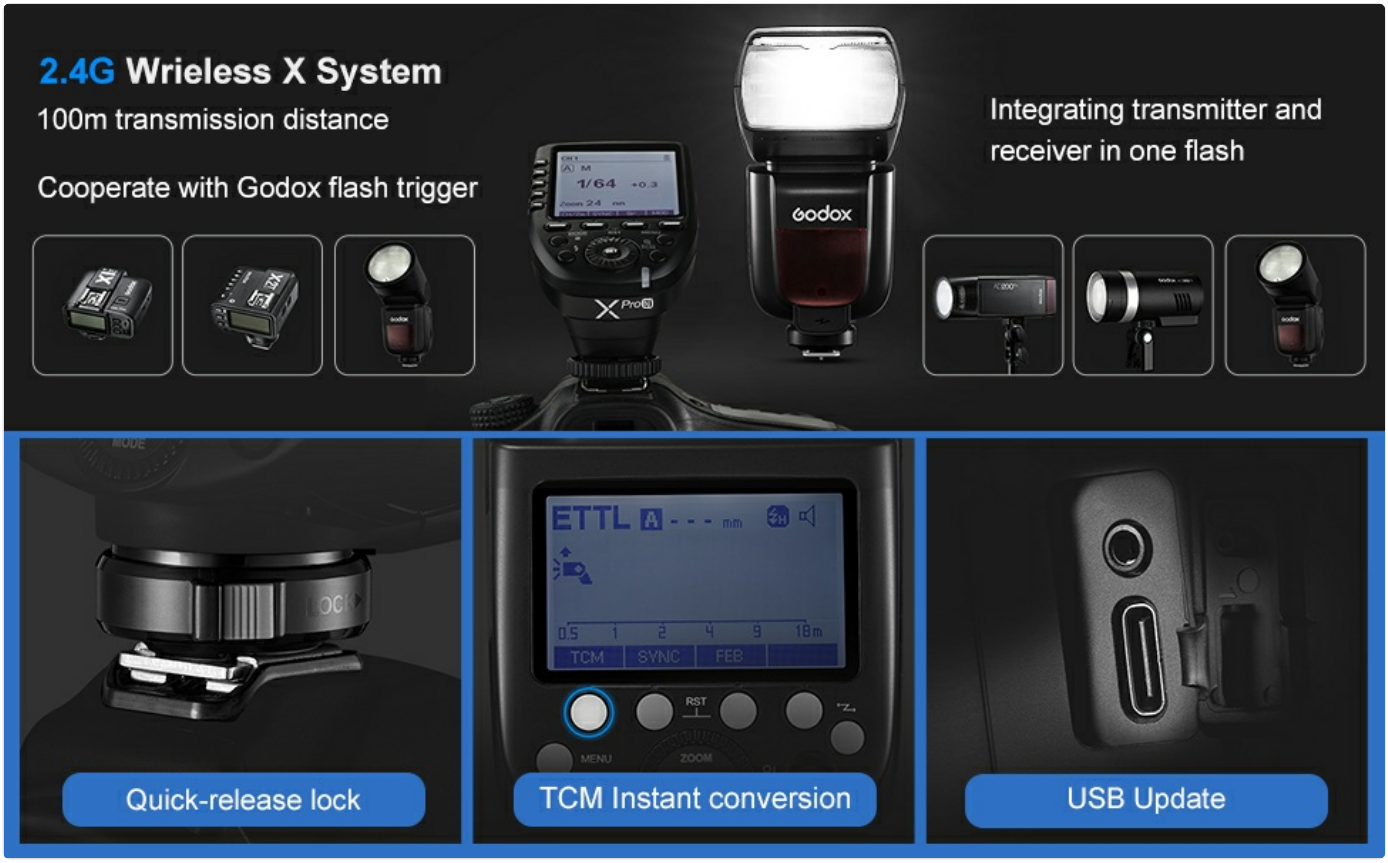


Figure 5: The 2.4G Wireless X System allows the TT685II-N to integrate seamlessly with other Godox flash triggers and lights.

- **Transmitter Unit (TX):** When set as a transmitter, the flash can control other receiver units. Ensure the channel and ID match the receiver units.
- **Receiver Unit (RX):** When set as a receiver, the flash is triggered by a transmitter unit. Ensure the channel and ID match the transmitter unit.

Control Panel Introduction

The control panel provides access to all flash settings and modes. Familiarize yourself with the buttons and dial for efficient operation.




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Figure 6: The control panel features a clear LCD screen, function buttons, a test button/flash ready indicator, power switch, and a select dial for navigation and setting adjustments.

- **Function Buttons (1-4):** Context-sensitive buttons for various settings displayed on the LCD.
- **Menu Button:** Accesses the main menu for advanced settings.
- **Test Button/Flash Ready Indicator:** Fires a test flash and indicates when the flash is ready to fire.
- **Power Switch:** Turns the unit on/off.
- **Select Dial:** Navigates menus and adjusts values.
- **Mode Selection Button:** Cycles through E-TTL, Manual, and Multi flash modes.
- **Set Button:** Confirms selections.
- **Lock Button:** Locks/unlocks the control panel to prevent accidental changes.
- **Wireless Selection Button:** Toggles between transmitter and receiver modes for wireless operation.
- **Zoom Button:** Adjusts the flash coverage (focal length).

Maintenance and Care

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

Troubleshooting

Problem	Possible Cause	Solution
Flash does not fire.	Low battery, incorrect settings, flash not securely mounted.	Check battery level, verify flash mode and wireless settings, ensure secure hot shoe connection.
Flash output is too dark/bright.	Incorrect FEC, manual power setting, or TTL metering issue.	Adjust FEC, change manual power output, or re-evaluate lighting conditions for TTL.
Wireless trigger not working.	Mismatched channel/ID, flash not in RX mode, out of range.	Ensure matching channels and IDs, set flash to RX mode, reduce distance to trigger.

Specifications

Feature	Detail
Model Number	TT685II-N
Guide Number (GN)	GN60 (m ISO100)
Flash Coverage	20-200mm (Auto/Manual Zoom)
High-Speed Sync (HSS)	Up to 1/8000s
Recycle Time	Approx. 0.1-2.6 seconds
Full Power Flashes	Approx. 330 times

Feature	Detail
Wireless Function	Transmitter, Receiver, Off
Wireless Range	Approx. 100 meters
Power Source	4x AA batteries (Ni-MH or Alkaline recommended)
Dimensions	1.81 x 7.48 x 2.52 inches
Weight	1.26 pounds (without batteries)

Warranty and Support

Godox products are covered by a limited warranty. For detailed warranty information, technical support, or service inquiries, please visit the official Godox website or contact their customer service. Keep your purchase receipt as proof of purchase.
Official Godox Website: www.godox.com

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Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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