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GODOX TT685II-F

Godox TT685II-F Flash Speedlite and X2T-F Trigger Instruction Manual

Model: TT685II-F Flash Speedlite, X2T-F Wireless Flash Trigger

1. Product Overview

The Godox TT685II-F Flash Speedlite and X2T-F Wireless Flash Trigger Transmitter are designed for Fuji series cameras, offering advanced lighting control. The TT685II-F supports TTL autoflash, high-speed sync (HSS) up to 1/8000s, and features a built-in 2.4GHz wireless X system for versatile off-camera lighting. The X2T-F trigger provides multichannel triggering, stable signal transmission, and sensitive reaction for comprehensive control over your flash setup.

Key Features:

- **TTL Autoflash Compatibility:** Ensures correct flash exposure in various lighting conditions.
- **Integrated 2.4GHz Wireless X System:** Offers 100-meter transmission range with all-in-one functions.
- **High-Speed Sync (HSS):** Supports shutter speeds up to 1/8000s.
- **Broader Bounce Angle:** Tilt angle from -7° to 120°, rotatable in 330° for flexible light positioning.
- **TCM Instant Conversion:** Allows instant conversion from TTL to manual mode while retaining exposure value.
- **Quick-Release Lock:** For secure and fast mounting on camera hot shoes.
- **USB Type-C Port:** For firmware updates and sync cord jack.

What's in the Box:

What's in the Box



The image displays the contents of the product package, which typically includes the Godox TT685II-F Flash Speedlite, the Godox X2T-F Wireless Flash Trigger, a protective pouch for the flash, a mini stand, and a set of color gels.

- Godox TT685II-F Flash Speedlite
- Godox X2T-F Wireless Flash Trigger Transmitter
- Protective Pouch
- Mini Stand
- Color Filter Gels (Set)

2. Components and Controls



The main product image showing the TT685II-F Flash Speedlite and the X2T-F Wireless Flash Trigger.

TT685II-F Flash Speedlite



The side view of the flash showing the 3.5mm Sync Cord Jack and the Type-C USB Port for connectivity and firmware updates.



Detail of the quick-release lock mechanism for secure attachment to a camera's hot shoe.

X2T-F Wireless Flash Trigger

The X2T-F trigger features a clear LCD display and intuitive buttons for controlling flash groups, channels, and various settings. It includes dedicated buttons for group selection (A, B, C, D, E), channel selection, and mode adjustments.

3. Setup

3.1 Battery Installation

The TT685II-F Speedlite requires 4 AA batteries. To install:

1. Locate the battery compartment on the side of the flash unit.
2. Slide the battery compartment cover open.
3. Insert 4 AA batteries, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

3.2 Mounting on Camera

To mount the TT685II-F on your camera's hot shoe:

1. Slide the flash's mounting foot into the camera's hot shoe.
2. Rotate the quick-release lock button clockwise until it is securely tightened.
3. To remove, rotate the quick-release lock button counter-clockwise and slide the flash out.

3.3 Connecting with External Power Pack (Optional)

For faster recycling times, the TT685II-F can be connected to an external power pack like the Godox PB960.

1. Ensure batteries are installed in the TT685II-F.
2. Uncover the socket on the PB960 power pack.
3. Plug the ProPac cable from the PB960 into the power port on the TT685II-F.
4. Screw the knob on the PB960 cable to fix the connection.

4. Operation

4.1 Power On/Off

Push the power switch on the side of the flash unit to turn it on or off. The LCD screen will illuminate upon powering on.

4.2 Mode Selection

Short press the **MODE** button to cycle through the available flash modes: ETTL (Automatic), M (Manual), and Multi (Stroboscopic).

4.3 Wireless Operation (2.4G Wireless X System)

The TT685II-F can function as both a transmitter (TX) and a receiver (RX) unit within the Godox 2.4G wireless X system. The X2T-F trigger acts as a dedicated transmitter.



This diagram illustrates how the TT685II can integrate into a wireless flash system, acting as both a transmitter to control other receiver units (like V1, AD200Pro, AD300Pro) and as a receiver unit itself.



The image shows the LCD screens of the TT685II-F and X2T-F, highlighting their wireless settings for channels and groups, demonstrating seamless connectivity.

Setting up as a Transmitter Unit (TX):

1. Short press the Wireless Selection Button on the TT685II-F to select 'TX' mode.
2. Set the channel (CH) and ID on the TT685II-F to match your receiver flashes.
3. Set the group (GR) on the TT685II-F to control specific receiver flash groups.
4. Adjust the FEC (Flash Exposure Compensation) amount as needed.

Setting up as a Receiver Unit (RX):

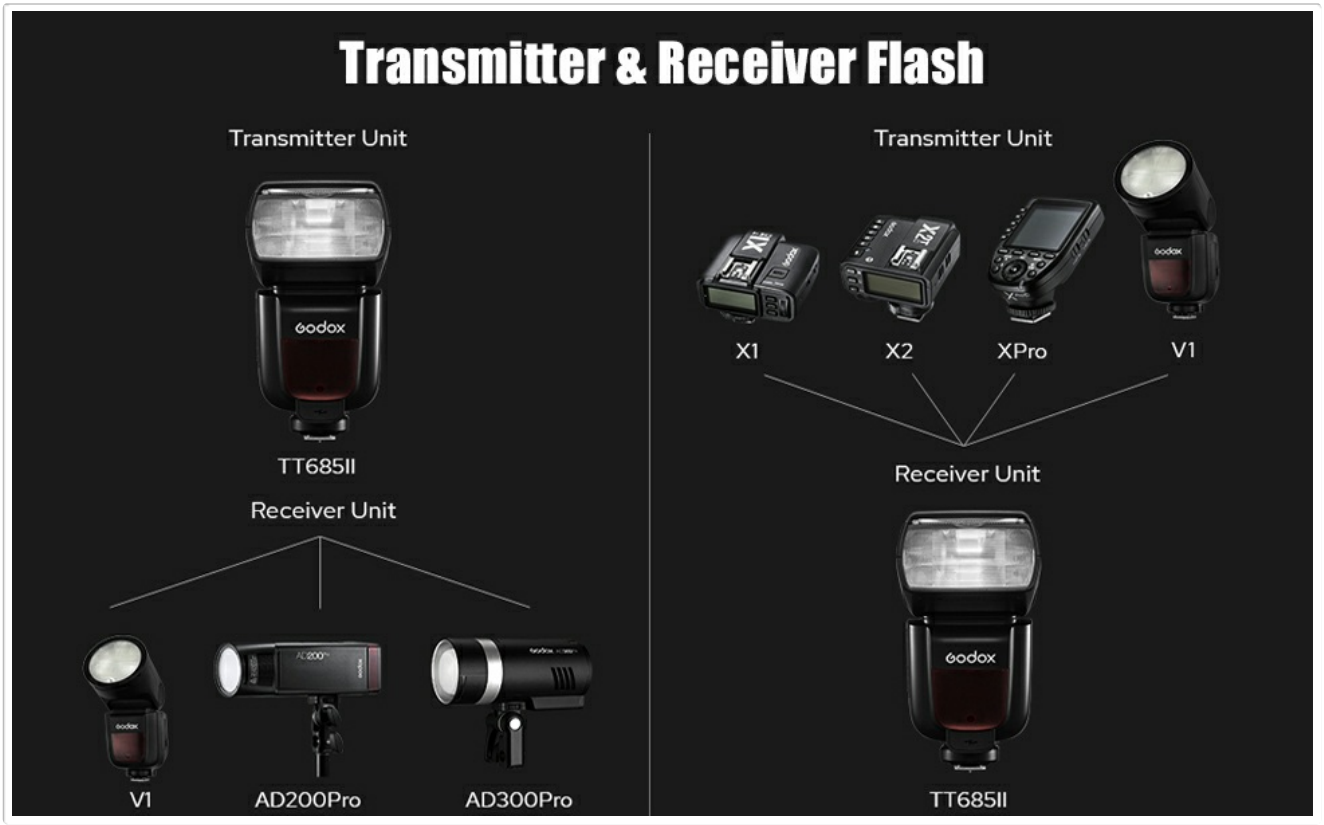
1. Short press the Wireless Selection Button on the TT685II-F to select 'RX' mode.
2. Set the channel (CH) and ID on the TT685II-F to match your X2T-F transmitter.
3. Set the group (GR) on the TT685II-F to match the group being controlled by the transmitter.
4. Adjust the FEC (Flash Exposure Compensation) amount as needed.

4.4 High-Speed Sync (HSS) and Rear-Curtain Sync

Short press the **SYNC** button to select High-Speed Sync (HSS) or Rear-Curtain Sync. HSS allows you to use flash with shutter speeds faster than your camera's native sync speed, while Rear-Curtain Sync fires the flash just before the second curtain closes, creating motion trails behind the subject.

4.5 Flash Exposure Bracketing (FEB)

Short press the **FEB** button. Turn the dial to set the desired FEB amount (e.g., +/- 1.3 in 1/3rd stops). Short press the **SET** button to confirm. The flash will then take three shots, automatically changing the output for each shot to achieve correct exposure, underexposure, and overexposure.



This image demonstrates the effect of Flash Exposure Bracketing (FEB), showing three exposures: one at FEB 0 (normal), one at FEB -1.3 (underexposed), and one at FEB +1.3 (overexposed).

4.6 TCM Function (TTL Converted to Manual)

The TCM function allows for instant conversion of a TTL exposure value to a manual power setting. This is useful for locking in a desired exposure and then fine-tuning it manually.



The flash LCD screen displaying the TCM function, which converts a TTL exposure to a manual power setting for precise control.

1. Take a test shot in ETTL mode to determine the initial exposure.
2. Short press the **TCM** button. The flash will convert the ETTL exposure to a corresponding manual power output.
3. You can then adjust the manual power output using the dial and +/- buttons.

4.7 Zoom Function

Short press the **ZOOM** button. Turn the dial to set the focal length (zoom) of the flash head. Short press the **SET** button to confirm. This allows you to match the flash coverage to your lens's focal length.

4.8 Control Panel Introduction



This image provides a detailed overview of the TT685II-F control panel, labeling key buttons and the selection dial for various functions.

4.9 Official Operation Tutorial Video

Your browser does not support the video tag.

This official video provides a visual guide to the operation of the Godox TT685II Flash, covering various functions and settings for optimal use.

5. Specifications

Feature	Specification
Brand	GODOX
Model Number	F-TT685+X2T-F (Kit includes TT685II-F Flash)
Compatible Mountings	Fujifilm
Guide Number (GN)	60 (m ISO100)
Flash Sync Speed	Up to 1/8000s (HSS)
Flash Coverage	20-200mm (Auto/Manual Zoom)
Bounce Angle	0-330° horizontally, -7°-120° vertically
Exposure Control System	E-TTL II Autoflash, Manual Flash
Flash Duration	1/300s - 1/20000s

Feature	Specification
Multi Flash	Up to 100 times, 199Hz
Power Source	4 AA batteries required
Item Weight	1.83 pounds
Package Dimensions	11.42 x 4.45 x 4.41 inches

6. Troubleshooting

If you encounter issues with your Godox TT685II-F Flash Speedlite or X2T-F Wireless Flash Trigger, consider the following general troubleshooting steps:

- **Power Issues:** Ensure batteries are correctly installed and fully charged. Check the power switch is in the 'ON' position.
- **Connectivity Problems:** Verify that the flash and trigger are set to the same channel, group, and ID. Ensure they are within the effective wireless range.
- **Flash Not Firing:** Check if the flash is securely mounted on the camera hot shoe or if the trigger is properly connected. Ensure the flash is not in sleep mode or has not overheated.
- **Exposure Inconsistencies:** Review your camera's exposure settings (ISO, aperture, shutter speed) and the flash's mode (ETTL, Manual). Adjust FEC if necessary.
- **Firmware:** Check the Godox website for the latest firmware updates for both the flash and trigger, as updates can resolve known issues and improve performance.

7. Maintenance

Proper maintenance ensures the longevity and optimal performance of your flash and trigger:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the units. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid harsh chemicals or abrasive materials.
- **Storage:** Store the flash and trigger in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries if the units will not be used for an extended period to prevent leakage.
- **Handling:** Handle the units with care to avoid drops or impacts, which can damage internal components.
- **Battery Care:** Use high-quality AA batteries. If using rechargeable batteries, ensure they are properly charged and maintained according to their manufacturer's instructions.

8. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Godox website. Keep your proof of purchase for warranty claims.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

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Question

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

Details

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