GODOX TT685II-C

Godox TT685II-C Flash Speedlite User Manual

Model: TT685II-C | Brand: GODOX

1. Introduction

This manual provides comprehensive instructions for the operation and maintenance of your Godox TT685II-C Flash Speedlite. The TT685II-C is a versatile E-TTL compatible flash unit featuring 2.4G wireless capabilities, high-speed sync, and a guide number of GN60. It is designed for use with Canon EOS cameras, offering advanced lighting control for various photographic scenarios.

2. Key Features

- **TTL, Manual, and Multi Flash Modes:** Offers flexible control over flash output.
- **High-Speed Sync (HSS) up to 1/8000s:** Enables flash synchronization at high shutter speeds.
- **Flash Exposure Compensation (FEC) & Flash Exposure Bracketing (FEB):** For precise exposure adjustments.
- **Rear-Curtain Sync:** Creates dynamic light trails.
- **Godox 2.4G Wireless X System:** Integrated transceiver for reliable wireless control up to 100 meters.
- **TCM Function:** Instant conversion from TTL to manual mode, locking exposure value.
- **Broader Bounce Angle:** Flash head tilts from -7° to 120° and rotates 330° for versatile light positioning.
- **Quick-Release Lock:** Ensures secure and rapid mounting/dismounting.
- **External Power Supply Port:** Compatible with external power packs like PB960 (sold separately) for extended use.
- **Type-C Update Port:** For firmware updates.

3. Product Overview and Components



Figure 3.1: Godox TT685II-C Flash Speedlite with included carry bag, soft diffuser, and color filters kit.



Figure 3.2: Package contents including the flash unit, carry bag, soft diffuser, and color filters kit.



Figure 3.3: Open battery compartment for AA batteries.



Figure 3.4: External power port, Type-C update port, and sync cord jack.

4. Setup

4.1 Battery Installation

1. Open the battery compartment cover located on the side of the flash unit.
2. Insert four (4) AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
3. Close the battery compartment cover securely.

4.2 Mounting on Camera

1. Slide the flash unit's hot shoe onto your camera's hot shoe mount.
2. Engage the quick-release lock by pushing it forward until it clicks into place. This secures the flash to the camera.
3. To remove, disengage the quick-release lock and slide the flash off.



Figure 4.1: Quick-release lock for secure mounting.

4.3 Connecting External Power Supply (Optional)

For extended shooting sessions and faster recycle times, the TT685II-C can be connected to an external lithium-ion power pack, such as the Godox PB960 (sold separately).

1. Connect the power cable from the external power pack to the external power port on the flash unit (refer to Figure 3.4).
2. Ensure the connection is secure before operation.



Figure 4.2: TT685II-C connected to an optional PB960 external power pack.

5. Operating Instructions

5.1 Power On/Off

To power on the flash, slide the ON/OFF switch to the "ON" position. To power off, slide it to the "OFF" position.

5.2 Flash Modes

The TT685II-C supports TTL, Manual, and Multi flash modes. Press the **MODE** button to cycle through the available modes.

- **TTL Mode:** Automatic flash exposure control. Supports HSS (High-Speed Sync), FEC (Flash Exposure Compensation), FEB (Flash Exposure Bracketing), and Rear-Curtain Sync.
- **Manual Mode:** Allows manual adjustment of flash power output from 1/1 (full power) to 1/128.
- **Multi Mode (Stroboscopic Flash):** Fires a series of rapid flashes to capture multiple movements in a single exposure.

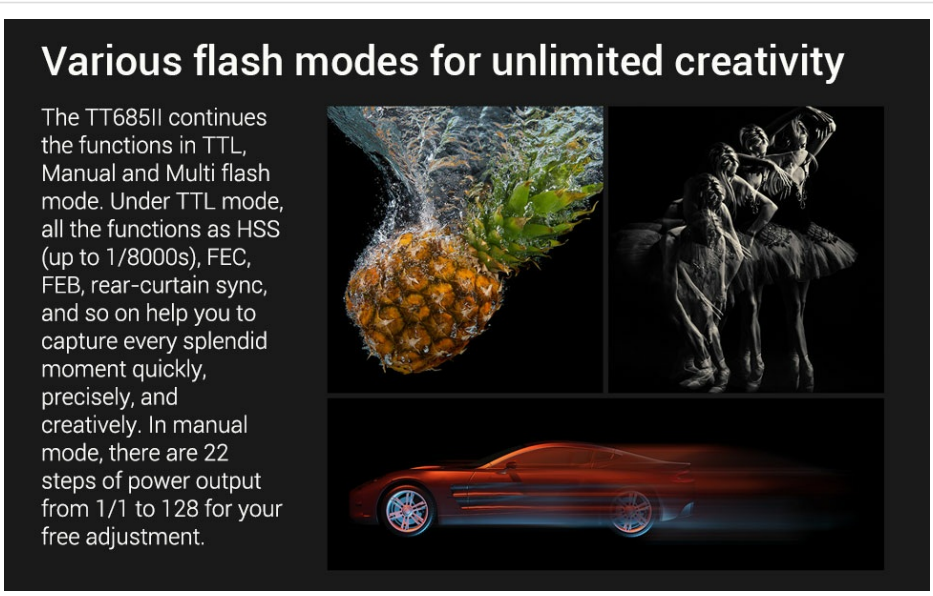


Figure 5.1: Various flash modes enable diverse creative photography.

5.3 TCM Function (TTL Convert to Manual)

The TCM function allows for instant conversion of a TTL exposure value to a manual power setting. This helps to lock in a desired exposure and maintain consistency across shots.

1. In TTL mode, achieve your desired exposure.
2. Press the **TCM** button (refer to Figure 5.2). The flash will convert the current TTL exposure to a corresponding manual power output.
3. You can then fine-tune the manual power setting if needed.



Figure 5.2: The TCM button on the flash control panel.

5.4 Godox 2.4G Wireless X System

The TT685II-C features an integrated 2.4G wireless X system, allowing it to function as both a transmitter and a receiver. This enables seamless wireless control with other Godox X system devices.

- **As a Transmitter:** The TT685II-C can control other Godox X system flashes (e.g., V1, AD200Pro, AD300Pro) as receiver units.
- **As a Receiver:** The TT685II-C can be triggered and controlled by Godox X system transmitters (e.g., X1, X2, XPro, V1).



Figure 5.3: TT685II-C operating with a Godox XProS wireless trigger.

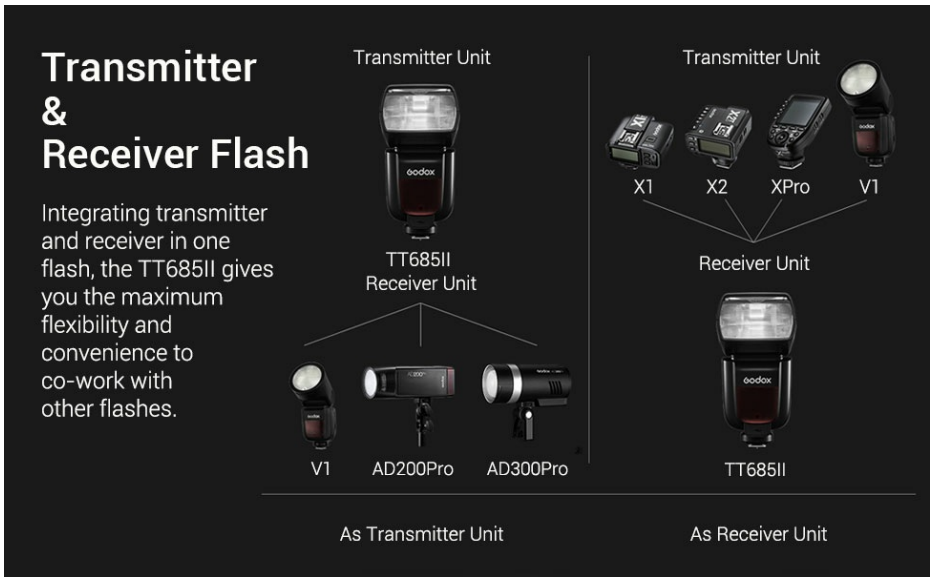


Figure 5.4: Wireless X System configuration with TT685II-C as transmitter and receiver.

5.5 Adjusting Bounce Angle

The flash head can be tilted from -7° to 120° vertically and rotated 330° horizontally, allowing for flexible light positioning for bounce flash or direct lighting.

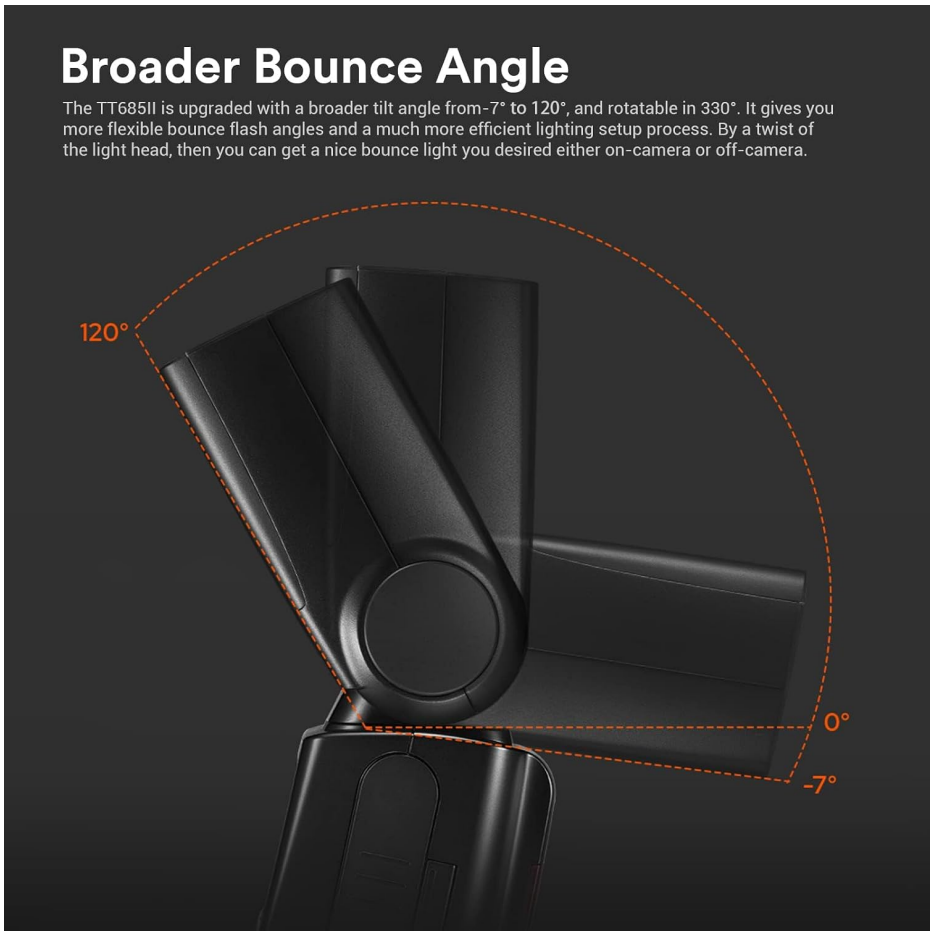


Figure 5.5: Adjustable bounce angle of the flash head.

5.6 Built-in Wide Panel and Bounce Card

The flash includes a built-in wide panel and a bounce card. Pull them out from the flash head as needed to soften or direct light.



Figure 5.6: Built-in wide panel and bounce card.

6. Maintenance

- Keep the flash unit dry. Do not operate in rain or damp conditions.
- Clean the flash body with a soft, dry cloth. For stubborn dirt, use a slightly damp cloth with mild detergent, then wipe dry.
- Avoid strong impacts or dropping the unit.
- Do not attempt to disassemble or repair the flash unit yourself. Refer to authorized service personnel.
- When storing for extended periods, remove the batteries to prevent leakage.

7. Troubleshooting

Problem	Possible Cause	Solution
Flash does not fire.	Batteries are low or incorrectly inserted. Flash is not securely mounted. Flash is in sleep mode.	Replace batteries or ensure correct polarity. Re-mount flash securely. Press any button to wake up the flash.
Exposure is incorrect (too dark/bright).	Incorrect flash mode or power setting. FEC is set incorrectly.	Adjust flash mode (TTL/Manual) and power. Check and reset FEC.
Wireless triggering fails.	Incorrect channel/group settings. Distance too far or obstructions. Interference.	Ensure transmitter and receiver are on the same channel and group. Reduce distance or clear obstructions. Change channels.
Flash overheats.	Excessive rapid firing.	Allow the flash to cool down. Reduce firing frequency.

8. Specifications

Feature	Detail
Brand	GODOX
Model Number	GLPA0704057DD (TT685II-C)
Product Dimensions	0.39 x 0.39 x 0.39 inches
Item Weight	1.23 pounds
Compatible Mountings	Canon
Flash Sync Speed	1/8000 sec (HSS)
Included Components	1x carry bag, 1x soft diffuser, 1x color filters kit

9. Warranty and Support

This product is manufactured by GODOX. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact GODOX customer support directly.
Protection plans may be available for purchase separately to extend coverage beyond the manufacturer's warranty. Please check with your retailer for details on available protection plans.
For technical support or service inquiries, please visit the official GODOX website or contact their authorized service centers.

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Question

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

Details

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