GODOX D210431

Godox TT685 II Speedlite for Canon User Manual

Model: D210431

Introduction

This manual provides detailed instructions for the operation and maintenance of your Godox TT685 II Speedlite for Canon. Please read this manual thoroughly before use to ensure proper function and to maximize the lifespan of your device. The Godox TT685 II is a versatile camera flash designed for Canon cameras, offering advanced features for professional lighting control.

Safety Information

- Do not disassemble or modify the flash unit. High voltage components are present.
- Keep the unit dry. Do not expose to rain or moisture.
- Do not touch the flash tube after firing, as it can be hot.
- Use only specified batteries. Incorrect battery types may cause leakage or explosion.
- Avoid direct eye exposure to the flash, especially at close range, as it can impair vision.

What's in the Box

Upon opening the package, verify that all the following items are included:

- Godox TT685 II Speedlite
- Protection Case
- Mini Stand
- Instruction Manual (this document)
- Hot Shoe Stand



Image: The Godox TT685 II Speedlite shown with its standard accessories, including the protection case, mini stand, and hot shoe stand.

Product Overview

Familiarize yourself with the various parts and controls of the Godox TT685 II Speedlite.

Front and Back View



Image: Front view of the Godox TT685 II Speedlite, highlighting the flash head and front panel.



Image: Back view of the Godox TT685 II Speedlite, showing the battery compartment and rear controls.

Control Panel and Display



Image: Close-up of the Godox TT685 II Speedlite's control panel, featuring the LCD screen, menu buttons, and dial for settings adjustment.

The LCD panel displays current settings, flash mode, zoom level, and battery status. Buttons and the selection dial allow for navigation and adjustment of parameters.

Battery Compartment



Image: The open battery compartment of the Godox TT685 II Speedlite, designed to hold four AA batteries.

The flash unit is powered by four AA batteries. Ensure correct polarity when inserting batteries.

Side View and Ports



Image: Side view of the Godox TT685 II Speedlite, showing the external power port and USB-C update port.

The side of the flash features ports for external power supply and a USB Type-C port for firmware updates.

Setup

Battery Installation

1. Open the battery compartment cover located on the back of the flash unit.
2. Insert four AA batteries, ensuring that the positive (+) and negative (-) terminals align with the indicators inside the compartment.
3. Close the battery compartment cover securely.

Mounting on Camera

1. Slide the hot shoe of the TT685 II into the camera's hot shoe mount.

2. Rotate the quick-release lock on the flash unit clockwise until it is securely fastened.
3. To remove, rotate the quick-release lock counter-clockwise and slide the flash off the camera.

Operating Instructions

Power On/Off

To power on the flash, slide the power switch to the "ON" position. To power off, slide it to "OFF". The LCD screen will illuminate upon power-on.

Flash Modes

The TT685 II supports various flash modes:

- **TTL (Through-The-Lens) Mode:** Automatically adjusts flash output for correct exposure.
- **Manual (M) Mode:** Allows manual control over flash output power (1/1 to 1/256).
- **Multi (Stroboscopic) Mode:** Fires a series of rapid flashes to capture multiple movements in a single image.

Press the **MODE** button to cycle through these modes.

Advanced Functions

TCM Function

The TCM (TTL Converted to Manual) function allows for instant conversion of the TTL flash value into a manual power output. This feature enhances shooting efficiency by providing a starting point for manual adjustments based on TTL metering.



Image: The control panel of the Godox TT685 II, with the TCM button circled, illustrating its position for quick access to the TTL to Manual conversion function.

Flexible Shooting Angles

The flash head can be rotated horizontally from 0° to 330° and tilted vertically from -7° to 120°, providing extensive flexibility for bounce flash and creative lighting.



Image: Diagrams illustrating the horizontal rotation (0-330°) and vertical tilt (-7-120°) capabilities of the Godox TT685 II flash head, along with close-ups of the USB-C port and quick-release lock.

External Power Supply Design

The TT685 II features a port for connecting an external power supply, such as the Godox PB960 (sold separately), for extended shooting sessions and faster recycle times.



Image: The Godox TT685 II Speedlite connected to an external Godox PB960 power pack, demonstrating the external power supply capability.

Full TTL Functions

The flash supports a comprehensive range of TTL functions, including High-Speed Sync (HSS) up to 1/8000s, Flash Exposure Compensation (FEC), Flash Exposure Bracketing (FEB), FE Lock, and both front and rear curtain sync. It also includes modeling flash and control with the camera's menu screen.



Image: Visual examples of the Godox TT685 II's full TTL functions, including flash exposure compensation, 1/8000s High-Speed Sync, and Front/Rear Curtain Sync.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the flash unit. For stubborn dirt, a slightly damp cloth can be used, followed by a dry one. Do not use solvents or abrasive cleaners.
- **Storage:** When not in use for extended periods, remove the batteries to prevent leakage. Store the flash in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Firmware Updates:** Periodically check the Godox official website for firmware updates. Updates can be installed via the USB Type-C port.

Troubleshooting

Problem	Possible Cause	Solution
Flash does not fire.	Low battery, incorrect mounting, flash not powered on, camera settings.	Check battery level and replace if necessary. Ensure flash is securely mounted and powered on. Verify camera flash settings.
Flash output is too dark/bright.	Incorrect flash mode, exposure compensation, distance to subject.	Adjust flash exposure compensation (FEC). Switch to Manual mode and adjust power. Ensure subject is within flash range.
Long recycle time.	Low battery, high power output.	Replace batteries. Reduce flash power output. Consider using an external power pack.
Flash head does not rotate/tilt smoothly.	Obstruction, wear and tear.	Check for any physical obstructions. If issue persists, contact customer support.

Specifications

Feature	Detail
Product Dimensions	2.36 x 2.76 x 7.09 inches
Item Weight	14.1 ounces
Item Model Number	D210431
Batteries Required	4 x AA batteries (not included)
Compatible Mountings	Canon
Battery Life (approx.)	330 minutes (based on continuous use)
Flash Sync Speed	Up to 1/8000s (High-Speed Sync)
Included Components	Protection Case, Mini Stand, Instruction Manual, Hot Shoe Stand

Warranty and Support

Godox products are designed and manufactured to the highest quality standards. For warranty information and technical support, please refer to the warranty card included with your product or visit the official Godox website. Keep your purchase receipt as proof of purchase for warranty claims.
For further assistance, you may contact Godox customer service through their official channels. Please have your product model number (D210431) and serial number ready when contacting support.

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