

GODOX MI25020804

GODOX FT433-N HSS TTL Wireless Flash Trigger for Nikon Camera User Manual

Model: FT433-N (MI25020804)

1. INTRODUCTION

The GODOX FT433-N HSS TTL Wireless Flash Trigger is designed for Nikon cameras, offering advanced control over your flash units. It operates on the 433MHz frequency band, ensuring stable signal transmission. Key features include comprehensive support for TTL auto flash, Manual, and Multi-flash modes, High-Speed Synchronization (HSS) up to 1/8000 second, and wireless control via the GodoxFlash app through Bluetooth. The innovative TCM (TTL Convert Manual) function allows for quick conversion of TTL parameters to manual settings, while the single-contact mode ensures faster continuous shooting.



Figure 1: GODOX FT433-N Wireless Flash Trigger and FR433 Receiver overview.

2. SETUP

2.1 Package Contents

- GODOX FT433-N Flash Trigger
- FR433 Receiver (1 unit)

2.2 Battery Installation

The FT433-N Flash Trigger requires AA batteries for operation. Open the battery compartment, insert the batteries according to the polarity indicators, and close the compartment securely.

2.3 Mounting the Trigger and Receiver

1. **Mounting the FT433-N Trigger:** Slide the FT433-N onto your Nikon camera's hot shoe. Secure it using the quick-release hot-shoe lock.
2. **Connecting the FR433 Receiver:** Plug the FR433 Receiver into the Type-C port of your compatible flash unit (e.g., Godox AD600Pro II).



Figure 2: Dimensions of the FT433-N Flash Trigger (left) and FR433 Receiver (right).

3. OPERATING INSTRUCTIONS

3.1 Wireless Sync (433MHz)

The FT433-N operates on the 433MHz frequency band for stable wireless communication. To establish a connection:

1. Ensure both the FT433-N and the FR433-equipped flash unit have wireless mode enabled.
2. Set the same Channel (CH), ID, and Group (GR) settings on both the trigger and the flash unit. The FT433-N supports 16 groups and 32 channels with 1-99 wireless ID settings.

3.2 Flash Modes and Synchronization

- **TTL Auto Flash:** Provides automatic flash exposure by measuring the light through the lens.
- **Manual Mode:** Allows precise control over flash power output.
- **Multi-flash Mode:** Enables multiple flashes during a single exposure for creative effects.
- **High-Speed Sync (HSS):** Supports shutter speeds up to 1/8000 second, allowing for wider apertures in bright conditions. Activate HSS via the SYNC button on the trigger.
- **Front and Rear Curtain Sync:** Synchronize the flash with either the opening or closing of the camera's shutter curtains. Toggle this setting using the SYNC button.

3.3 TCM (TTL Convert Manual) Function

The TCM function allows you to quickly convert TTL auto flash parameters into manual power settings. This is useful for maintaining consistent lighting after an initial TTL reading.

1. Take a test shot in TTL mode to determine the desired exposure.
2. Press the **TCM** button on the FT433-N. The TTL output parameters will be converted and displayed as manual power settings.
3. You can then fine-tune these manual settings as needed.

3.4 Bluetooth Control via GodoxFlash App

Control your FT433-N and connected flash units wirelessly using the GodoxFlash app on your smartphone.

1. Enable Bluetooth on the FT433-N via the menu.
2. Download and install the GodoxFlash app on your smartphone.
3. Open the app, search for devices, and connect to your FT433-N. You may need to enter a default password (e.g., "000000").
4. Once connected, you can adjust flash power levels, change modes, and control other settings directly from your phone.

3.5 Single-Contact Mode for Rapid-Fire

The single-contact mode minimizes data exchange between the trigger and camera, enabling faster continuous shooting compared to multi-contact modes.

1. Access the menu on the FT433-N.
2. Navigate to "LEGACY HOTSHOE" and set it to "ON". This activates the single-contact mode.
3. This setting is ideal for high-speed burst photography.

3.6 Operation Tutorial Video

For a visual guide on setting up and operating your GODOX FT433-N, please refer to the video below. While the video may show the Canon version (FT433C), the operational steps for battery installation, hot-shoe mounting, receiver

connection, wireless sync, flash modes, Bluetooth control, TCM, and single-contact mode are identical for the Nikon version (FT433-N).



Video 1: GODOX FT433 HSS TTL Wireless Flash Trigger Operation Tutorial. This video demonstrates battery installation, hot-shoe mounting, receiver connection, wireless sync, flash modes (TTL, Manual, Multi), High-Speed Sync, Bluetooth control, TCM function, and single-contact mode. Note: The video displays the Canon version (FT433C), but the operational procedures are the same for the Nikon version (FT433-N).

4. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the flash trigger and receiver. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries if storing for extended periods to prevent leakage.
- **Handling:** Handle the trigger and receiver with care to prevent damage from drops or impacts.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Trigger not powering on.	Dead or incorrectly inserted batteries.	Replace batteries with fresh ones, ensuring correct polarity.
Flash not firing wirelessly.	Incorrect channel/ID/group settings; wireless mode off; receiver not connected.	Verify channel, ID, and group settings match on both trigger and flash. Ensure wireless mode is enabled. Check receiver connection to flash.
Bluetooth connection issues.	Bluetooth off on trigger; app not paired; interference.	Ensure Bluetooth is enabled on the trigger. Reset Bluetooth connection in the app and re-pair. Try restarting both devices.
Inconsistent flash exposure.	Incorrect flash mode; ambient light changes; distance to subject.	Check flash mode (TTL for automatic, Manual for consistent). Adjust flash power or camera settings. Ensure subjects are within flash range.

6. SPECIFICATIONS

Feature	Detail
Brand	GODOX
Model Number	MI25020804 (FT433-N)
ASIN	B0DWK865WM
GTIN/UPC	850071741391
Wireless Frequency	433 MHz
Flash Modes Supported	TTL Auto Flash, Manual, Multi-flash

Feature	Detail
High-Speed Sync (HSS)	Up to 1/8000 second
Synchronization Features	Front and Rear Curtain Sync
Wireless Control	16 Groups, 32 Channels, 1-99 Wireless ID settings
App Control	Bluetooth via GodoxFlash app
Special Functions	TCM (TTL Convert Manual), Single-Contact Rapid-Fire
Built-In Media	Receiver FR433 *1

7. WHAT'S IN THE BOX

- GODOX FT433-N HSS TTL Wireless Flash Trigger
- FR433 Receiver (1 unit)

8. WARRANTY INFORMATION

This GODOX product comes with a one-year warranty from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or natural disasters.

9. CUSTOMER SUPPORT

For technical assistance, troubleshooting, or warranty inquiries, please contact GODOX customer support. Refer to the official GODOX website for the most up-to-date contact information and support resources.

Official GODOX Website: www.godox.com

