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Godox X2T-N

Godox X2T-N Flash Trigger User Manual for Nikon Cameras

Model: X2T-N

1. Introduction

The Godox X2T-N is a dedicated wireless flash trigger designed for Nikon cameras, offering comprehensive control over Godox flashes equipped with the built-in 2.4G wireless X system. This trigger provides stable and reliable real-time signal transmission, supporting various flash modes and advanced functions for both amateur and professional photographers. This manual provides detailed instructions on how to set up, operate, and maintain your Godox X2T-N flash trigger. Please read this manual carefully before use to ensure proper operation and to maximize the product's potential.

2. Product Overview

The Godox X2T-N flash trigger features a user-friendly design with a large LCD screen and intuitive controls. It supports TTL autoflash, High-Speed Sync (HSS) up to 1/8000s, multi-flash, manual flash, and flash exposure compensation. Key features include:

- **2.4G Wireless X System:** Ensures stable signal transmission up to 100 meters.
- **Multiple Groups and Channels:** 5 groups, 32 channels, and 99 wireless ID settings to prevent signal interference.
- **TTL Autoflash Support:** For automatic flash exposure control.
- **High-Speed Sync (HSS):** Up to 1/8000s for freezing fast motion or using wide apertures in bright conditions.
- **TCM Function:** Converts TTL flash value to manual power output.
- **Zoom Setting:** Adjusts the focal length of the flash via the transmitter.
- **Backlit LCD Panel:** For easy operation in low-light environments.
- **Type-C USB Port:** For firmware upgrades.
- **3.5mm Sync Cord Jack:** For wired triggering or camera shutter release.
- **Bluetooth Support:** Control flash parameters via the "GodoxPhoto" APP on smartphones/tablets.



Figure 2.1: Top-down view of the Godox X2T-N Flash Trigger, showing the hot shoe mount and control buttons.



Figure 2.2: Close-up of the Godox X2T-N's backlit LCD screen, showing group settings (A, B, C) and channel information.

3. Setup

3.1 Installing Batteries

The X2T-N requires two AA batteries (not included).

1. Open the battery compartment cover located on the side of the trigger.
2. Insert two AA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.

Specifications

Model	X2T-C	X2T-N	X2T-S	X2T-F	X2T-O	X2T-P
Competible cameras	Canon EOS cameras (E-TTL II autoflash)	Nikon Cameras (i-TTL autoflash)	Sony Cameras (TTL autoflash)	Fujifilm Cameras (autoflash)	Olympus/ Panasonic Cameras (TTL autoflash)	Pentax Cameras (TTL autoflash)
	Work with cameras with PC sync socket					
Competible mobile phone	iPhone, HUAWEI, Samsung (Please refer to the compatibility list on the manual to know more about the compatible models.)					
Power supply	AA battery x2					
Flash exposure control						
TTL autoflash	E-TTL II	i-TTL	TTL	TTL	TTL	TTL
Manual Mode	√					
Multiflash mode	√					
Functions						
High-speed sync	√					
Rear-curtain sync	√					
Flash exposure compesation	√, ±3 stops in 1/3 stop increments					
Flash exposure lock	√					
Focus assist	√					
Modeling lamp	√					
Beeper	√					
Wireless shutter release	The receiver can control the camera shooting via 3.5mm sync cord jack					
Zoom setting	Adjust the focal length of the flash through the transmitter					
TCM function	Converting the shooting parameter under the TTL mode to a value under the Manual mode					
Firmware upgrade	Support program firmware upgrade via Type C USB cable					
Memory function	As long as 2 seconds after setting parameters, the parameters will be remembered, and the original data will be recovered once restart.					

Figure 3.1: Side view of the Godox X2T-N, highlighting the Type-C USB port, 3.5mm sync cord jack, and the battery compartment for two AA batteries.

3.2 Mounting the Trigger

Attach the X2T-N to your Nikon camera's hot shoe.

1. Slide the trigger's hot shoe mount into your camera's hot shoe.
2. Secure the trigger by pushing the quick-lock lever forward until it clicks into place.



Figure 3.2: Illustration of the quick-lock hot-shoe mechanism on the Godox X2T-N for secure camera attachment.

4. Operating Instructions

4.1 Power On/Off

To power on the X2T-N, press and hold the power button until the LCD screen illuminates. To power off, press and hold the power button again.

4.2 Setting Wireless ID, Channel, and Group

To avoid interference, ensure your trigger and flashes are set to the same wireless ID and channel.

- **Wireless ID:** Press the **MENU** button, navigate to ID settings, and select a value from 01-99 or OFF.
- **Channel (CH):** Press the **CH** button (usually combined with another function button) and use the dial to select a channel from 1-32.
- **Group (GR):** Use the dedicated A, B, C, D, E buttons to select and adjust individual flash groups.

4.3 Flash Modes (TTL, Manual, Multi)

Press the **MODE** button to cycle through TTL, Manual (M), and Multi (Stroboscopic) flash modes.

- **TTL Autoflash:** The camera and flash automatically determine the correct exposure.
- **Manual Flash:** Manually set the flash power output (e.g., 1/1 to 1/256).
- **Multi Flash:** Fires a series of rapid flashes during a single exposure for stroboscopic effects.

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

These functions are typically enabled automatically or through camera settings when supported. HSS allows flash synchronization at shutter speeds faster than the camera's native sync speed. Rear-curtain sync fires the flash just before the second curtain closes, creating motion trails behind the subject.

4.5 TCM Function

The TCM (TTL Convert Manual) function allows you to convert a TTL flash exposure value into a manual power setting. This is useful for quickly establishing a baseline manual power setting after a TTL test shot.

1. Take a test shot in TTL mode.
2. Press the **TCM** button (if available, or a combination of buttons as per specific model instructions) to convert the TTL value to a manual power setting.
3. The flash will now operate in manual mode with the converted power setting.

4.6 Bluetooth Connectivity

The X2T-N supports Bluetooth for control via the GodoxPhoto app on your smartphone or tablet.

1. Download the "GodoxPhoto" app from your device's app store.
2. Enable Bluetooth on your smartphone/tablet and on the X2T-N (refer to the trigger's menu for Bluetooth activation).
3. Open the app and pair with your X2T-N.
4. You can now control flash modes, power output, modeling light, and other settings directly from your device.



Figure 4.1: The Godox X2T-N demonstrating Bluetooth connectivity with a smartphone running the GodoxPhoto app, controlling multiple Godox flashes.

5. Compatibility

The Godox X2T-N is specifically designed for Nikon cameras and is compatible with a wide range of models. It also works seamlessly with Godox flashes featuring the 2.4G Wireless X system.

5.1 Compatible Nikon Cameras

Tested compatible Nikon camera models include:

- **DSLRs:** D5, D4S, D4, Df, D850, D810A, D810, D800E, D800, D750, D700, D610, D600, D300, D200, D100, D90, D80, D7500, D7200, D7100, D7000, D5600, D5500, D5300, D5200, D5100, D5000, D3400, D3300, D3200, D3100, D3000.
- **Mirrorless:** Z7.

The X2T-N is generally compatible with almost all Nikon cameras equipped with a hot shoe. Users can perform self-tests for specific models not listed.

5.2 Compatible Godox Flashes

The X2T-N can remotely control Godox flashes such as:

- Godox V1-N
- Godox SK300/400II
- Godox TT350N
- Godox TT685II
- Godox V860III
- Godox AD200/AD200Pro
- Godox AD300Pro
- Godox AD400Pro
- Godox AD600BM
- Godox AD600Pro

For Godox flashes without the built-in 2.4G X wireless system, the X2T-N can control them remotely when used in combination with an XTR-16 / XTR-16S / X1R-N receiver.



Figure 5.1: Diagram illustrating the versatility of the Godox X2T-N, showing its use with Godox flashes, speedlites, as a shutter release, and with non-X system flashes via a sync cord.

6. Specifications

Godox X2T-N Key Specifications

Feature	Detail
Model	X2T-N
Compatible Cameras	Nikon cameras (i-TTL autoflash), cameras with PC Sync port
Compatible Mobile Phone (Sync flash in "M" mode)	iPhone, Huawei, Samsung (refer to manual for specific models)
Flash Exposure Control	TTL autoflash, Manual flash, Stroboscopic flash
High-Speed Sync (HSS)	1/8000s
Rear-Curtain Sync	Supported
Flash Exposure Compensation (FEC)	±3 stops in 1/3 increments
Flash Exposure Lock	Supported
Focus Assist Beam	Supported
Modeling Lamp Control	Supported
Beeper	Supported
Wireless Shutter Release	Via 3.5mm sync cord port
ZOOM Setting	Adjust focal length via trigger
TCM Function	Converts TTL flash value to M mode power value
Firmware Upgrade	Via Type-C USB port
Memory Function	Settings stored 2 seconds after last operation, recovered after restart
Power Supply	AA battery x 2 (not included)
Transmission Range	Approx. 0~100m
Built-in Wireless System	Godox 2.4G Wireless X System
Modulation Mode	MSK
Wireless ID	01-99
Groups	5
Channels	32
Dimension (L×W×H)	72 x 70 x 58mm
Weight	90g

7. Troubleshooting

If you encounter issues with your Godox X2T-N, refer to the following common troubleshooting steps:

- **Flash Not Firing:**
  - Ensure the trigger is securely mounted on the camera's hot shoe.
  - Check if the batteries in both the trigger and the flash are correctly inserted and have sufficient power.

- Verify that the wireless ID, channel, and group settings on the trigger and flash(es) match.
- Confirm that the flash is powered on and set to receiver mode (if applicable).
- Check camera settings to ensure external flash is enabled.

- **Signal Interference:**
  - Change the wireless ID and channel settings to a different combination.
  - Ensure there are no other 2.4G wireless devices operating nearby on the same frequency.
- **Inaccurate Exposure in TTL Mode:**
  - Adjust Flash Exposure Compensation (FEC) on the trigger or camera.
  - Ensure the flash is within its effective range and not obstructed.
- **Firmware Update Issues:**
  - Ensure the Type-C USB cable is securely connected.
  - Use the official Godox firmware update software.
  - Try a different USB port or cable.

8. Maintenance

To ensure the longevity and optimal performance of your Godox X2T-N flash trigger, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the trigger. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid using strong detergents or solvents.
- **Storage:** Store the trigger in a cool, dry place away from direct sunlight, high temperatures, and humidity. If storing for an extended period, remove the batteries to prevent leakage.
- **Handling:** Handle the trigger with care. Avoid dropping it or subjecting it to strong impacts, which can damage internal components.
- **Battery Care:** Replace batteries when the low battery indicator appears. Always use high-quality AA batteries.

9. Warranty and Support

Godox products are designed for reliability and performance. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Godox website.
For technical support, firmware updates, or service inquiries, please contact Godox customer service or your authorized dealer.

- **Official Godox Website:** www.godox.com
- **Customer Service:** Refer to the contact information provided on the official website or your product packaging.

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