

GODOX TT350N

Godox TT350 Mini Thinklite TTL Flash (TT350N) Instruction Manual

For Nikon Cameras

INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Godox TT350 Mini Thinklite TTL Flash for Nikon Cameras (TT350N). Please read this manual thoroughly before use to ensure optimal performance and to prevent damage to the product or injury to yourself.

The Godox TT350N is a compact and versatile on-camera flash designed for Nikon cameras, featuring TTL autoflash, 2.4G wireless X system, High-Speed Sync (HSS), and a zoomable flash head.

WHAT'S IN THE BOX

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

- 1x Godox TT350 Flash
- 1x Protection Bag
- 1x H-type Bracket
- 1x Filter
- 1x White Diffuser

Auto Zoom Lamp Head

Built-in zoom motor, 24~105mm zoom, can control the flash emits light to illuminate the range and light intensity.



Coverage of focal lengths (24~105mm)

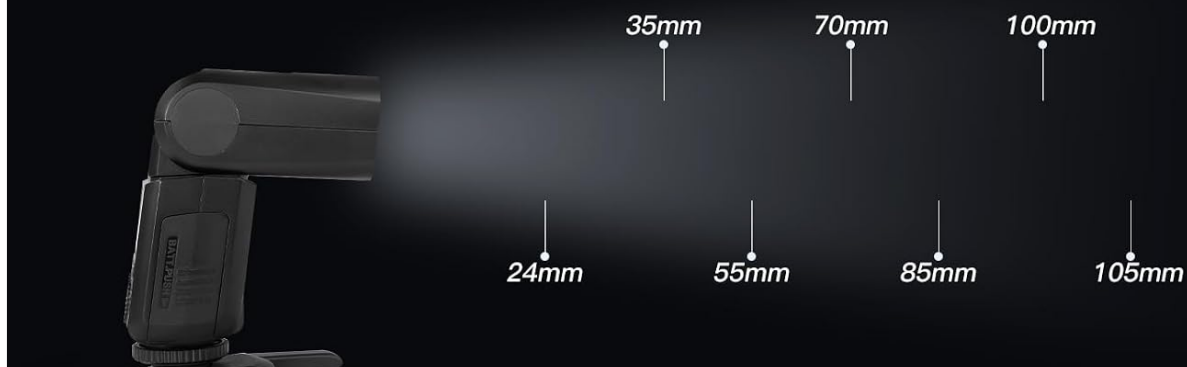


Image: Contents of the Godox TT350N package.

SETUP

1. Battery Installation

The TT350N flash requires two AA batteries (sold separately). For best performance and recycle times, use high-quality rechargeable Ni-MH batteries.

1. Open the battery compartment cover located on the side of the flash unit.
2. Insert two AA batteries according to the polarity indicators (+ and -) inside the compartment.
3. Close the battery compartment cover securely.

Powerful Features Goes On

TTL, Manual and Multi flash mode for unlimited creativity

2 AA battery powered (Sold separately)



Full Power
Flashes: Approx. **210** flashes

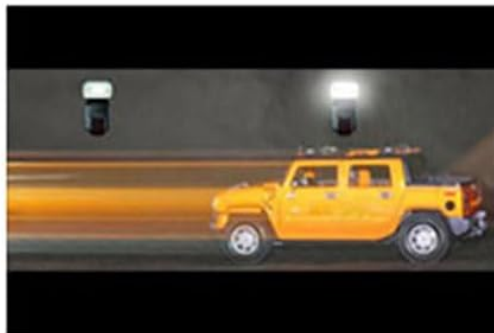


8 Power levels
(ISO 100, meters) **GN36**

*Data measured at full power with rechargeable batteries.



HSS



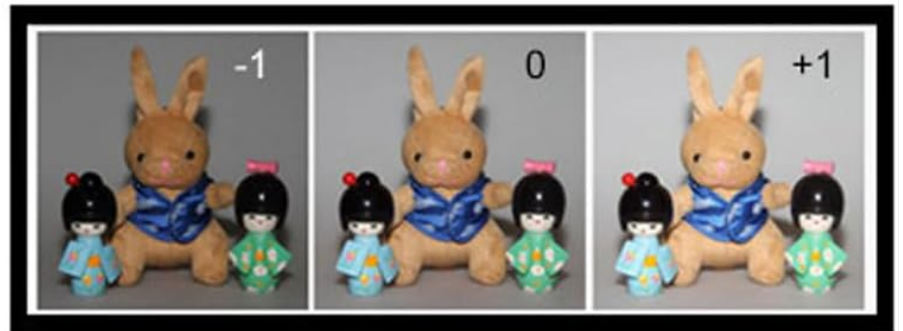
Front Curtain Sync



Rear Curtain Sync



Multi Flash



Flash Exposure Compensation

Image: Godox TT350N flash unit with battery compartment visible.

2. Mounting on Camera

The TT350N flash is designed to mount onto the hot shoe of compatible Nikon cameras.

1. Slide the flash's mounting foot into the camera's hot shoe.
2. Rotate the locking ring on the flash unit clockwise until it is securely tightened. Do not overtighten.

Godox 2.4G Wireless Camera Flash

compatible with the majority of other Godox flash & trigger products

≈ 30m



Image: Godox TT350N flash mounted on a camera.

3. Initial Power-On

Press and hold the power button on the flash unit to turn it on. The LCD panel will illuminate, displaying the current settings.

OPERATING INSTRUCTIONS

LCD Panel and Controls

The TT350N features a clear LCD panel and intuitive buttons for easy operation. Use the four function buttons to change various settings and the select dial to adjust values.

What's in the Box

TT350 Camera Flash *1 Mini Stand *1 Storage Bag *1 Manual *1



White Diffuser Protection Cover *1



Image: Godox TT350N LCD panel and control layout.

Flash Modes

The TT350N supports several flash modes for diverse photographic needs:

- **TTL Autoflash Mode:** Automatically sets flash output for correct exposure.
- **Manual Flash Mode:** Allows manual control of flash power from 1/1 to 1/128 in 1/3 EV steps.

- **Multi Flash Mode (Stroboscopic):** Fires a series of rapid flashes during a single exposure to capture multiple movements.

Wireless X System (2.4G Transmission)

The integrated 2.4 GHz X radio system allows the TT350N to function as a transmitter or receiver for wireless triggering. It supports 16 channels and three groups, with a range of up to 328 feet (100 meters). It can also be used with optional Godox X series transmitters (e.g., X1T, X2T, XPro) for more advanced setups.

Wireless 2.4G Transmission

Use with Godox X1 T-F/X2T-F/XPro-F/XProII-F flash trigger to achieve wireless control, offer better user experience.

(Master Unit)

(Slave Unit)

AD600、AD600M、AD3601I-C、AD3601I-N、V860IIC、AD200、TT600

(Master Unit)

(Slave Unit)

XProII-O/XPro-O/X1T-O/V850I1/TT600

Image: Godox 2.4G Wireless X System setup.

High-Speed Sync (HSS)

The TT350N supports High-Speed Sync up to 1/8000s, allowing you to use flash with fast shutter speeds, ideal for freezing action or using wide apertures in bright conditions.

High Speed Sync (up to 1/8000 seconds)

With built-in 2.4GHz wireless remote system Support transmitting and receiving. Provided Multiple Functions, include TTL Autoflash, Manual Flash, Multi Flash, S1, S2, Second Curtain Sync, FEC.etc.

GN36 (m ISO 100 @ 105mm)

24mm to 105mm (Flash Coverage)

1/8000 seconds

Rear /Front curtain sync

Multi Flash

Image: High-Speed Sync (HSS) in action.

Flash Head Adjustment

The flash head can be tilted from -7° to 90° vertically and rotated a total of 270° horizontally. This flexibility allows for bounce flash photography, directing light off ceilings or walls for softer, more natural illumination.

Main Tech Specs

For full tech specs, see Product Description below.

Exposure control system

TTL / Manual flash

Battery

Two AA batteries
(sold separately)

Guide Number (at Full Power)

≈36(ISO 100, in meters)

Full Power Flashes

≈210
(with 2500mA Ni-MH batteries)

Recycle Time (at Full Power)

≈2.2s

Flash Power Steps

22 : (1/1~1/128)

Flash duration(t0.1)

1/350-1/20000S

Flash duration(t0.1)

Vertical: -7-90°
Horizontal: 0-270°

Wireless flash function

Master, Slave, Off
(Godox 2.4G X wireless system)

Sync mode

HSS(up to 1/8000s)
Front curtain sync
Rear curtain sync

Size

5.5 * 2.4 * 1.5"

Weight(without Batteries)

≈200g

Image: Adjustable flash head angles.

Auto Zoom Lamp Head

The built-in zoom motor automatically adjusts the flash coverage from 24mm to 105mm to match the lens's focal length, ensuring efficient light distribution. A 14mm wide-angle panel is also included for broader coverage.

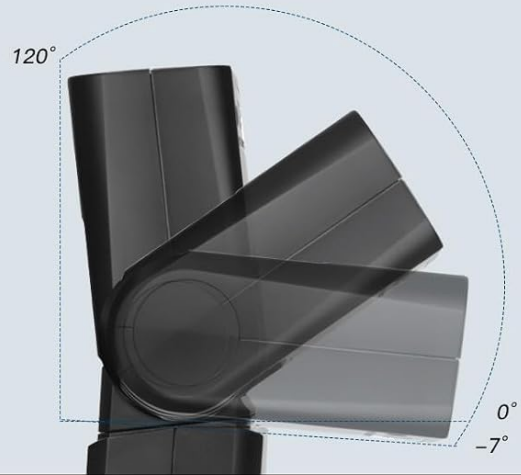
LED Display

LED display dot-matrix liquid crystal display, intuitive display operation, buttons directly adjust the



Adjustable angle

Horizontal 360° Vertical 7~90° rotation, photography fill light more simple



Hot Shoe Contacts

Hot shoe contacts are made of corrosion-resistant and more conductive metal.



Wide Angle Diffuser

By pulling out the diffuser plate, the light can be spread out to cover a wider range of light distribution.



Image: Auto Zoom Lamp Head functionality.

Video Tutorial: Setup and X Trigger Use

Your browser does not support the video tag.

Video: "How to Set Up Godox TT350 Mini Flash & Use with X Trigger" by CONXTRUE. This video demonstrates the setup and operation of the Godox TT350 flash, including its use with an X trigger system.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the flash unit. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid harsh chemicals or abrasive materials.
- **Battery Care:** Remove batteries when the flash is not in use for extended periods to prevent leakage. Store batteries in a cool, dry place.
- **Firmware Updates:** The TT350N features a USB connection for installing future firmware updates. Visit the official Godox website for the latest firmware and instructions.
- **Storage:** Store the flash in its protection bag in a dry, dust-free environment away from direct sunlight and extreme

temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Flash does not fire.	Low or dead batteries; incorrect camera/flash settings; flash not securely mounted.	Replace or recharge batteries; check flash mode (TTL/M) and camera settings; ensure flash is securely attached to hot shoe.
Flash output is too dark/bright.	Incorrect exposure compensation; manual power setting too low/high; distance to subject.	Adjust flash exposure compensation (FEC); change manual power setting; ensure subject is within flash range.
Wireless triggering fails.	Incorrect channel/group settings; interference; flash not in wireless mode.	Verify channel and group settings on both flash and trigger; ensure flash is set to Master/Slave mode; reduce distance or obstacles.
Flash recycle time is slow.	Low battery power; high flash output setting.	Replace or recharge batteries; reduce flash power output.

TECHNICAL SPECIFICATIONS

Model Name	TT350N
Brand	GODOX
Compatible Devices	Nikon Cameras
Compatible Mountings	Hot Shoe mount
Exposure Control Type	TTL
Guide Number	GN36 (ISO 100, 105mm)
Flash Sync Speed	Up to 1/8000s (HSS)
Wireless Technology	2.4G RF (Godox X system)
Wireless Flash Function	Master, Slave, Off
Channels	16
Groups	3
Flash Coverage	24-105mm (Auto/Manual Zoom), 14mm with wide panel
Flash Head Rotation	Horizontal: 0-270°, Vertical: -7-90°
Power Source	2x AA batteries (Ni-MH or Alkaline)
Full Power Flashes	Approx. 210 (with 2500mAh Ni-MH batteries)
Recycle Time	Approx. 0.1-2.2 seconds

Dimensions (D x W x H)	5.5" x 1.5" x 2.4" (140mm x 38mm x 62mm)
Weight (without batteries)	Approx. 200g (7oz)
Connectivity	USB port for firmware updates

WARRANTY INFORMATION

The Godox TT350N flash unit comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized repairs, or normal wear and tear.

SUPPORT

For technical support, troubleshooting assistance, or service inquiries, please contact Godox customer service. You can find contact information and additional resources on the official Godox website or through the retailer where you purchased the product. You may also visit the [GODOX Store on Amazon](#) for more product information and accessories.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

