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› Yongnuo YN560-TX Pro N Flash Transmitter Control Trigger User Manual

YONGNUO YN560TX PRO N

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1. INTRODUCTION

The Yongnuo YN560-TX Pro N is an advanced wireless flash transmitter designed for Nikon DSLR cameras. It offers comprehensive control over Yongnuo speedlites and receivers, supporting various flash modes including TTL, Manual (M), Multi, and Group (GR). With high-speed sync (HSS) up to 1/8000s, it provides precise lighting control for diverse photographic scenarios. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance of your YN560-TX Pro N.



Image 1.1: Yongnuo YN560-TX Pro N Flash Transmitter.

2. SETUP

2.1 Battery Installation

1. Locate the battery compartment cover on the back of the YN560-TX Pro N.
2. Slide the cover open.
3. Insert two (2) AA-size batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

2.2 Mounting to Camera

1. Ensure your camera is powered off.
2. Slide the YN560-TX Pro N's hot shoe foot into your camera's hot shoe mount.
3. Secure the transmitter by rotating the locking mechanism (if present) or pushing the locking pin forward until it clicks into place. Ensure a firm connection to prevent misfires or communication issues.



Image 2.1: Bottom view of the YN560-TX Pro N, illustrating the hot shoe for camera mounting.

2.3 Powering On/Off

Press and hold the power button (usually located on the side or front) for a few seconds to turn the unit on or off. The high-resolution dot-matrix LCD will illuminate upon power-on.

3. OPERATING INSTRUCTIONS

The YN560-TX Pro N offers a wide range of functions for controlling compatible Yongnuo flashes. Familiarize yourself with the LCD display and control buttons for efficient operation.

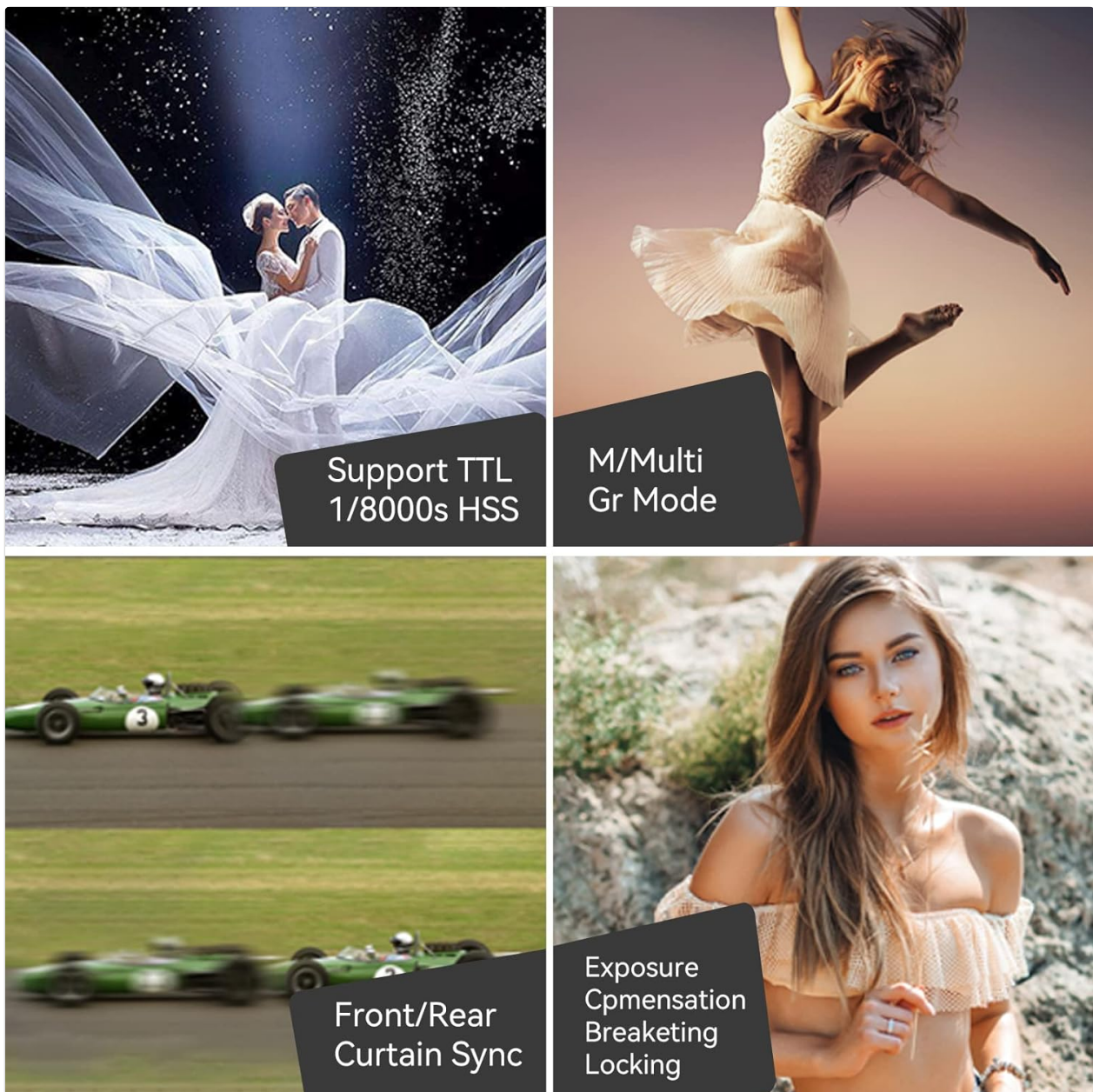


Image 3.1: Key features of the YN560-TX Pro N, including various flash modes and sync options.

3.1 Flash Modes

- **TTL (Through-The-Lens):** Automatic flash exposure control. The camera measures the light and adjusts flash output accordingly.
- **M (Manual):** Allows manual setting of flash output power (e.g., 1/1 to 1/128).
- **Multi (Stroboscopic):** Fires the flash multiple times during a single exposure, useful for capturing motion sequences.
- **GR (Group):** Enables control of multiple flash groups (A/B/C/D/E) independently.

3.2 High-Speed Sync (HSS)

The YN560-TX Pro N supports HSS up to 1/8000s, allowing you to use flash at shutter speeds faster than your camera's native sync speed. This is ideal for overpowering ambient light or using wide apertures in bright conditions.

3.3 Group and Channel Control

- The transmitter supports 5 flash groups (A/B/C/D/E) for individual control.

- It operates on 16 channels, with up to 10,000 customizable photographer IDs to prevent interference.
- Use the control buttons to select groups and channels, and adjust settings for each group as needed.

3.4 Flash Synchronization

- **Front-Curtain Sync:** The flash fires immediately after the first curtain opens.
- **Rear-Curtain Sync (M mode):** The flash fires just before the second curtain closes, creating a light trail behind moving subjects.

3.5 Exposure Control Functions

- **TTL Ratio:** Adjust the flash output ratio between different groups in TTL mode.
- **Flash Exposure Compensation (FEC):** Fine-tune flash output in TTL mode.
- **Flash Exposure Lock (FEL):** Lock the flash exposure value for recomposing shots.
- **Flash Exposure Bracketing (FEB):** Automatically take multiple shots at different flash exposure levels.
- **Modeling Flash:** Fire a continuous flash to preview lighting effects.

3.6 Remote Focal Length Control

The YN560-TX Pro N supports remote control of the focal length (zoom) settings of compatible slave unit flashes. This allows you to adjust the flash coverage without physically touching the slave unit.

3.7 Compatibility with Yongnuo Flashes and Triggers

The YN560-TX Pro N is designed to work seamlessly with a range of Yongnuo products. It can control and trigger YN200/YN862 series and updated YN968N(II)/YN968C (in 560 slave mode) for i-TTL/M flash, HSS, and focal length control. It also supports manual flash functions with YN560III/IV, YN660, YN720, YN860Li, RF603 series, and RF605 series.

Receiver (Speedlite)	Channel	Group Function	TTL Flash	Manual Flash	ZOOM Setting
YN862C	CH1-CH16	Support	Do not support	support(Flash output can be adjusted from YN560-TX PRO)	Support
YN968C YN968N II (560 SLAVE)	CH1-CH16	Support	Do not support	support(Flash output can be adjusted from YN560-TX PRO)	Support
YN200	CH1-CH16	Support	Support	support(Flash output can be adjusted from YN560-TX PRO)	Do not support
YN560III/IV YN860Li YN720/YN660	CH1-CH16	Support	Do not support	support(Flash output can be adjusted from YN560-TX PRO)	Support
YN685 (RF 603 SLAVE)	CH1-CH16	Support	Do not support	support(Flash output can be adjusted from YN560-TX PRO)	Do not support
YN622C II (560-RX)	CH1-CH7	Support (Group A/B/C)	Do not support	support(Flash output can be adjusted from YN560-TX PRO)	Support
RF605 Series	CH1-CH16	Support	Do not support	support(Need to set the flash out put on the speedlite)	Do not support
RF603(II) Series RF602-RX	CH1-CH16	support (all group can fire)	Do not support	support(Need to set the flash out put on the speedlite)	Do not support

***Need to upgrade the latest firmware from YONGNUO website.**

Image 3.2: Compatibility diagram showing the YN560-TX Pro N interacting with various Yongnuo flashes and triggers.



Image 3.3: Detailed compatibility table for YN560-TX Pro N with various Yongnuo speedlites and receivers.

4. MAINTENANCE

4.1 Cleaning

To clean the YN560-TX Pro N, use a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water. Avoid using strong solvents or abrasive cleaners, as these can damage the unit's finish or internal components. Keep the hot shoe contacts clean and free of debris.

4.2 Storage

When not in use for extended periods, remove the batteries to prevent leakage and damage. Store the transmitter in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided storage bag for protection.

4.3 Firmware Updates

The YN560-TX Pro N features a Micro-USB port for firmware upgrades. Periodically check the official Yongnuo website for the latest firmware versions and instructions to ensure your unit has the most up-to-date features and bug fixes.

5. TROUBLESHOOTING

- **Transmitter not powering on:** Check if the batteries are correctly inserted and fully charged. Replace with fresh AA batteries if necessary.
- **Flash not firing or inconsistent firing:** Ensure the transmitter is securely mounted on the camera's hot shoe and making good contact. Verify that the slave flash units are powered on, within range, and set to the correct group and channel. Check the battery levels of both the transmitter and slave units.
- **HSS not working:** Confirm that both the camera and the slave flash unit support HSS. Ensure the transmitter is set to HSS mode and the camera's shutter speed is above its native sync speed.
- **Communication interference:** If experiencing unreliable communication, try changing the channel on both the transmitter and slave units. Ensure no other 2.4Ghz devices are causing interference nearby.
- **LCD display issues:** If the display is dim or unresponsive, check battery levels. If the issue persists, a firmware update might be required, or contact support.

6. SPECIFICATIONS

Feature	Specification
Product Dimensions	3.58 x 4.41 x 1.77 inches
Item Weight	6.4 ounces
Batteries Required	2 AA batteries
Battery Life	Approximately 3 Hours
Flash Sync Speed	1/8000s
Compatible Mountings	Nikon
Wireless Frequency	2.4Ghz
Communication Distance	Over 100m
Channels	16
Flash Groups	5 (A/B/C/D/E)
Firmware Upgrade	Via Micro-USB

7. WARRANTY AND SUPPORT

7.1 Warranty Information

YONGNUO products typically come with a limited manufacturer's warranty. Please refer to the warranty card included with your product or visit the official YONGNUO website for specific warranty terms and conditions. Keep your purchase receipt as proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact YONGNUO customer support. You can find contact information and additional resources on the official YONGNUO website: www.hkyongnuo.com. This product includes a user manual in English and Chinese for your convenience.