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> YONGNUO YN560 IV Speedlite and YN560-TX PRO N Wireless Flash System Instruction Manual

YONGNUO YN560 IV

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Model: YN560 IV Speedlite & YN560-TX PRO N Transmitter

1. INTRODUCTION

This manual provides detailed instructions for the YONGNUO YN560 IV Wireless Flash Speedlite and the YN560-TX PRO N Wireless Flash Transmitter. The YN560 IV is a versatile flash unit that functions as both a master and slave flash, featuring a built-in wireless trigger system. The YN560-TX PRO N is an advanced transmitter designed for Nikon cameras, offering comprehensive control over compatible YONGNUO flash units. Together, these devices provide a powerful and flexible lighting solution for photographers.

Key features include a high guide number (GN58@ISO100, 105mm), support for M/Multi flash modes on the YN560 IV, and TTL/M/Multi/GR modes with high-speed sync (HSS 1/8000s) on the YN560-TX PRO N. Both units support 2.4G wireless communication for reliable remote control and can be upgraded via USB firmware.

2. SAFETY INFORMATION

- Do not look directly into the flash when it fires, as it can cause temporary vision impairment.
- Keep the device dry. Do not expose it to rain, moisture, or high humidity.
- Do not disassemble or attempt to repair the unit yourself. Refer all servicing to qualified personnel.
- Use only specified batteries. Incorrect battery types or improper installation can lead to leakage, overheating, or explosion.
- Keep out of reach of children.
- Avoid extreme temperatures. Do not store or operate the unit in excessively hot or cold environments.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x YN560 IV Flash Unit (Negative LCD Screen)
- 1 x YN560-TX Pro for Nikon
- 1 x Protecting bag

- 1 x Original box
- 1 x Manual in Chinese and English



Figure 3.1: YONGNUO YN560 IV Speedlite, front view showing LCD and controls.



Figure 3.2: YONGNUO YN560-TX PRO N Transmitter, top view showing LCD and controls.

4. SETUP

4.1 Installing Batteries

Both the YN560 IV Speedlite and YN560-TX PRO N Transmitter require batteries for operation.

- **YN560 IV Speedlite:** Open the battery compartment cover on the rear of the flash unit. Insert four AA-size alkaline or Ni-MH batteries, ensuring correct polarity (+/-). Close the cover securely.

- **YN560-TX PRO N Transmitter:** Open the battery compartment cover on the bottom of the transmitter. Insert two AA-size alkaline or Ni-MH batteries, ensuring correct polarity (+/-). Close the cover securely.



Figure 4.1: YN560 IV Speedlite battery compartment, showing where to insert AA batteries.

4.2 Attaching the YN560-TX PRO N to Your Camera

The YN560-TX PRO N transmitter mounts onto your camera's hot shoe.

1. Slide the YN560-TX PRO N's hot shoe foot into your camera's hot shoe.
2. Rotate the locking wheel on the transmitter clockwise until it is securely fastened to the camera.



Figure 4.2: YN560-TX PRO N Transmitter, showing its hot shoe mount.

4.3 Powering On/Off

- **YN560 IV Speedlite:** Press the ON/OFF button to power on or off.
- **YN560-TX PRO N Transmitter:** Use the ON/OFF switch located on the side of the unit.

5. OPERATING INSTRUCTIONS

5.1 YN560 IV Speedlite Modes

The YN560 IV offers various operating modes:

- **Master Mode:** The YN560 IV can act as a master unit, controlling other YN560 IV or YN560 III flashes. It provides control over 3 independent groups (A, B, C) for flash mode, output, and focal length.
- **Slave Mode:** The YN560 IV can receive wireless signals from a YN560 IV (as master), YN560-TX, RF-603 (I/II), or RF-602 transmitter. It supports 16 channels for wireless communication.
- **Manual (M) Mode:** Manually set the flash output from 1/128 to 1/1, with 29 levels of fine tuning.
- **Multi Mode:** Fires a series of rapid flashes during a single exposure, useful for capturing multiple movements in one frame.

5.2 YN560-TX PRO N Transmitter Functions

The YN560-TX PRO N provides comprehensive control over your YONGNUO flash system:

- **Flash Modes:** Supports TTL, Manual (M), Multi, and Group (GR) flash modes.
- **Group Control:** Control up to 5 flash groups (A/B/C/D/E) independently.
- **High-Speed Sync (HSS):** Achieves shutter speeds up to 1/8000s, allowing for wider apertures in bright conditions.
- **Exposure Control:** Supports TTL light ratio, exposure compensation, and exposure lock.
- **Remote Focal Length Setting:** Remotely adjust the focal length (zoom) of compatible YONGNUO slave flashes.
- **2.4G Radio Communication:** Offers a maximum communication distance of over 100m.

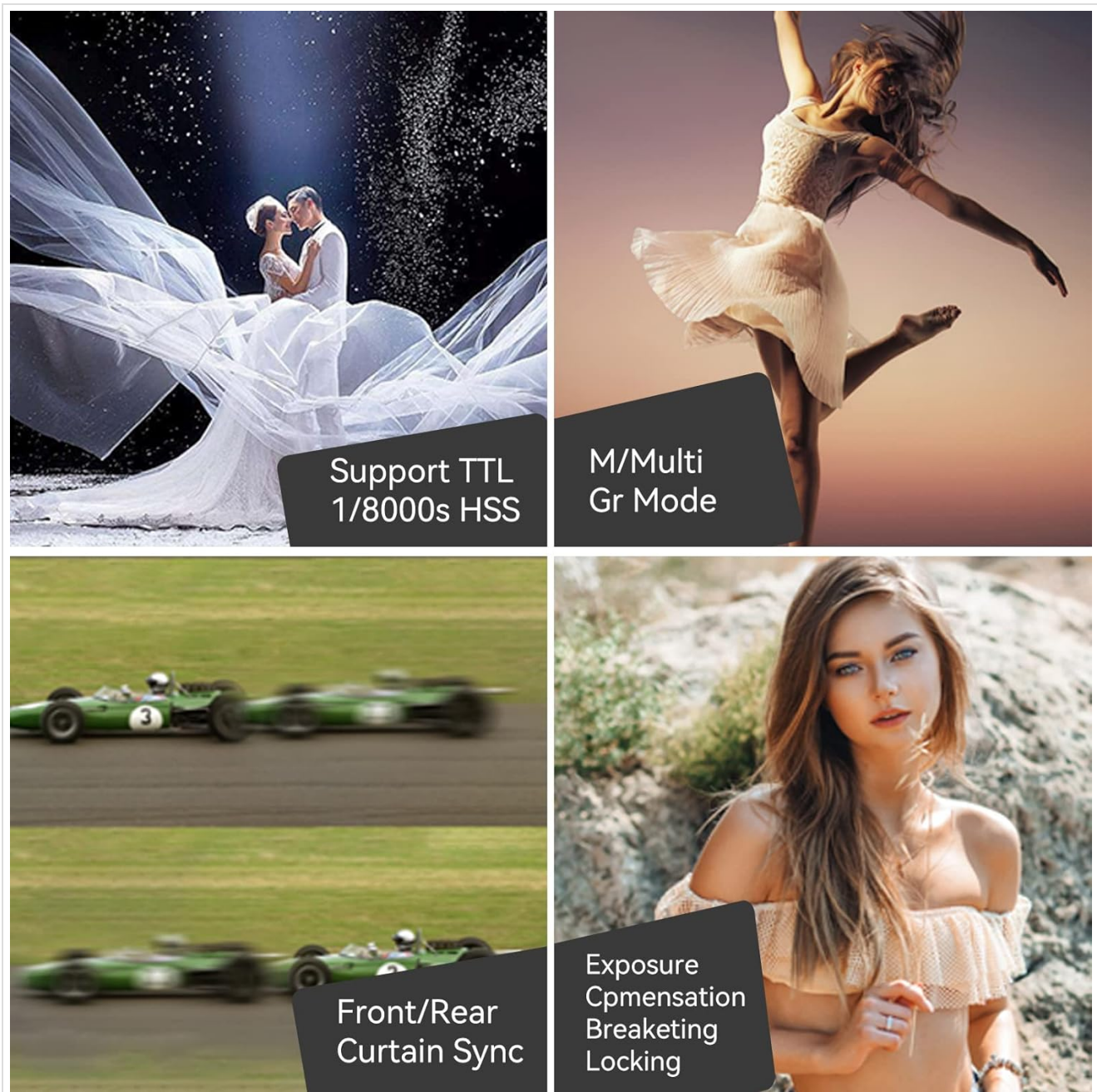


Figure 5.1: Diagram illustrating the YN560-TX PRO N's compatibility with various YONGNUO flash units and its central role in a multi-flash setup.

5.3 Firmware Upgrade

Both the YN560 IV Speedlite and YN560-TX PRO N Transmitter support firmware upgrades via a USB port. Visit the

official YONGNUO website for the latest firmware and instructions.

5.4 Custom Settings (Fn)

Both units feature custom function settings (Fn) that allow you to personalize various parameters. Refer to the on-screen menu for available options and adjustments. Settings are automatically saved.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the flash and transmitter. 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 batteries from both units to prevent leakage. Store the devices in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** Always use fresh, high-quality batteries. If using rechargeable batteries, ensure they are fully charged before use. Dispose of used batteries responsibly.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flash does not fire.	Low batteries, incorrect settings, unit not powered on.	Check battery levels and replace if necessary. Ensure units are powered on. Verify flash mode and trigger settings.
Wireless communication failure.	Incorrect channel/group, distance too far, interference.	Ensure master and slave units are set to the same channel and group. Reduce distance between units. Avoid obstacles.
Flash output is inconsistent.	Low battery, flash tube overheating.	Replace batteries. Allow the flash to cool down if used continuously at high power.
LCD screen is blank or dim.	Low battery, unit off.	Check battery levels. Power on the unit.

If problems persist after attempting these solutions, please contact customer support.

8. SPECIFICATIONS

Feature	YN560 IV Speedlite	YN560-TX PRO N Transmitter
Guide Number	GN58 (ISO100, 105mm)	N/A
Flash Modes	M, Multi, Master, Slave	TTL, M, Multi, GR
Wireless Trigger Mode	Built-in 2.4G wireless trigger, S1, S2 optical slave	2.4G Radio Wireless
Wireless Range	Up to 100m (2.4G)	Over 100m (2.4G)
Flash Groups	3 (A, B, C) as Master	5 (A, B, C, D, E)
Channels	16	16
Sync Speed	Up to 1/8000s (with HSS compatible transmitter)	Up to 1/8000s (HSS)

Feature	YN560 IV Speedlite	YN560-TX PRO N Transmitter
Power Source	4 x AA batteries	2 x AA batteries
External Port	External power port, PC sync port, USB port	USB port
Compatible Mountings	Universal hot shoe	Nikon hot shoe

9. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or your purchase documentation. YONGNUO provides customer support for product inquiries, technical assistance, and service requests.

For further assistance, please visit the official YONGNUO website or contact your local distributor.