

Profoto 901040

Profoto Air Remote TTL-N Wireless Flash Trigger Instruction Manual

Model: 901040

1. INTRODUCTION AND OVERVIEW

The Profoto Air Remote TTL-N is a wireless flash trigger designed for Nikon cameras, enabling seamless integration and control of Profoto Air-compatible flash units. This remote attaches to your camera's hot shoe, providing wireless communication for both TTL (Through-The-Lens) and manual flash control.

Key features include:

- Full I-TTL compatibility with Profoto B1 and B2 flash heads.
- Remote manual firing capability for all Profoto Air strobes.
- Support for 8 digital channels and control of up to 3 groups of lights per channel.
- First and rear curtain sync functionality.
- Intuitive user interface for easy operation.
- Long operating range of up to 300 meters (1,000 feet).
- USB port for convenient firmware upgrades.
- Approved for worldwide use.



Image 1: Front view of the Profoto Air Remote TTL-N, showing the display and control buttons.

2. SETUP

2.1 Battery Installation

The Profoto Air Remote TTL-N requires two AAA batteries for operation. To install or replace batteries:

1. Locate the battery compartment cover on the back of the remote.
2. Slide or unlatch the cover to open the compartment.
3. Insert two fresh AAA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
4. Close the battery compartment cover securely.

2.2 Attaching to Camera Hot Shoe

To attach the Air Remote TTL-N to your Nikon camera:

1. Ensure your camera is powered off.

2. Slide the remote's hot shoe mount into your camera's hot shoe slot.
3. Secure the remote by tightening the locking mechanism (usually a rotating ring or lever) on the remote's hot shoe mount.
4. Power on your camera and the Air Remote.



Image 2: Angled view of the Profoto Air Remote TTL-N, highlighting the hot shoe mount for camera attachment.

3. OPERATING INSTRUCTIONS

The Profoto Air Remote TTL-N offers various modes and settings for precise flash control.

3.1 Powering On/Off

Press and hold the **ON/OFF** button located on the top left of the remote until the display illuminates or turns off.

3.2 Mode Selection (TTL/Manual)

The remote supports both TTL and Manual modes. Use the **MODE** button to toggle between these settings. In TTL mode, the remote automatically adjusts flash power based on camera metering. In Manual mode, you have full control over flash power settings.

3.3 Group and Channel Control

The remote allows control over up to 3 groups (A, B, C) across 8 digital channels. This enables independent power adjustments for different flash units.

- Use the **A**, **B**, and **C** buttons to select and adjust individual groups.
- The **ENERGY +/-** buttons adjust the power output for the selected group.
- To change the channel, navigate to the **CHANNEL** setting on the display and use the adjustment dial or buttons to select the desired channel (1-8). Ensure your flash units are set to the same channel.

3.4 Sync Settings (First/Rear Curtain)

The remote supports both first and rear curtain sync. This setting determines when the flash fires during the exposure. Adjust this setting via the **SYNC** option on the display.

3.5 Modeling Light and Head Control

Use the **MODEL** button to control the modeling light on your Profoto flash units. The **HEAD** button can be used to turn flash heads on or off.

3.6 Test Flash

Press the large **TEST** button to fire a test flash and verify communication with your flash units.

4. MAINTENANCE

4.1 Cleaning

To clean the Profoto Air Remote TTL-N, use a soft, dry cloth. For stubborn marks, a slightly damp cloth with mild soap can be used, followed by immediate drying. Avoid abrasive cleaners or solvents.

4.2 Firmware Updates

Profoto periodically releases firmware updates to improve performance and add new features. To update the firmware:

1. Connect the remote to your computer using a USB cable.
2. Visit the official Profoto website (www.profoto.com) and navigate to the support section for the Air Remote TTL-N.
3. Download the latest firmware and follow the provided instructions for installation.

Note: Always ensure your remote is fully charged or has fresh batteries before performing a firmware update.

5. TROUBLESHOOTING

- **Remote not powering on:** Check if the AAA batteries are correctly inserted and have sufficient charge.

Replace with fresh batteries if necessary.

- **Flash units not firing:**
 - Ensure the remote is securely attached to the camera's hot shoe.
 - Verify that the remote and flash units are set to the same channel and group.
 - Check the battery status of both the remote and the flash units.
 - Confirm that the flash units are powered on and ready to fire.
 - Perform a firmware update if available, as this can resolve communication issues.
- **Inconsistent flash output in TTL mode:**
 - Ensure the remote's hot shoe contacts are clean and free from debris.
 - Check for any obstructions between the remote and the flash units that might interfere with the radio signal.
 - Consider switching to Manual mode for precise control if TTL performance is unsatisfactory in specific conditions.
- **Limited operating range:** Ensure there are no major physical obstructions (e.g., thick walls, large metal objects) between the remote and the flash units. Interference from other radio devices can also reduce range.

6. SPECIFICATIONS

Feature	Detail
Brand	Profoto
Model Name	901040
Special Feature	Ergonomic design
Color	Black
Max Number of Supported Devices	3 groups
Compatible Devices	Profoto Flash Systems (Nikon compatible version)
Connectivity Technology	Radio Frequency
Button Quantity	1 (main power/test) + multiple control buttons
Controller Type	Button Control
Maximum Range	300 Meters (1,000 ft)
Number of Batteries	2 AAA batteries required (included)
Battery Type	AAA
Item Weight	75 Grams

7. WHAT'S IN THE BOX

Upon opening the package, you should find the following items:

- Profoto Air Remote TTL-N unit

- Protective carrying case
- USB cable for firmware updates
- Wrist strap (optional attachment)
- 2x AAA batteries

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The Profoto Air Remote TTL-N comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging or visit the official Profoto website for detailed terms and conditions.

8.2 Customer Support

For technical assistance, troubleshooting, or service inquiries, please contact Profoto customer support through their official website: www.profoto.com/support.

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