

## YONGNUO RF-603II N3

# YONGNUO RF-603II N3 Wireless Shutter Release & Flash Trigger Instruction Manual

Model: RF-603II N3

## 1. INTRODUCTION

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The YONGNUO RF-603II N3 is a versatile wireless transceiver designed to function as both a wireless flash trigger and a remote shutter release for compatible Nikon DSLR cameras. Utilizing a global free FSK 2.4GHz wireless channel, it offers enhanced speed, distance, and stability. This device allows photographers to trigger off-camera flashes and control their camera's shutter remotely, providing greater flexibility in various shooting scenarios.

## 2. WHAT'S IN THE BOX

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- 1 x RF603II N3 Flash Trigger (2 Transceivers)
- 1 x 2.5mm Port Shutter Release Cable (N3 version)
- 1 x User Manual (English and Chinese)

## 3. PRODUCT OVERVIEW

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The RF-603II N3 system consists of two identical transceivers that can operate interchangeably as a transmitter or receiver. Each unit features a hot shoe mount, a 2.5mm shutter release port, and a mode switch.



Image: Two YONGNUO RF-603II N3 transceivers, the core components of the wireless system.

# RF603N II

**2.4G**  
Wireless Flash Trigger

**16** Channels

Remote Shutter  
release



Image: Visual representation of the RF-603N II highlighting its key features: 2.4GHz wireless operation, 16 available channels, and remote shutter release capability.



Image: Diagram showing one RF-603II N3 unit mounted on a camera's hot shoe and another unit triggering an off-camera flash, illustrating its primary function.



Image: The complete set of YONGNUO RF-603II N3, including the two transceivers, the N3 shutter release cable, and the user manual.

## 4. SETUP

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### 4.1 Battery Installation

1. Locate the battery compartment on the back of each RF-603II N3 transceiver.
2. Open the compartment cover.
3. Insert two AAA batteries into each transceiver, ensuring correct polarity (+/-).
4. Close the battery compartment cover securely.

### 4.2 Mode Selection

Each RF-603II N3 unit has a three-position switch on the side:

- **OFF:** Powers off the unit.
- **TX (Transmitter):** The unit acts as a transmitter.
- **TRX (Transceiver):** The unit can automatically switch between transmitter and receiver modes. This is the recommended mode for most operations.

### 4.3 Channel Setting

The RF-603II N3 supports 16 channels. To ensure proper communication, both transceivers must be set to the same channel. The channel is typically set via a series of DIP switches inside the battery compartment or on the side of the unit. Refer to the detailed diagram in the included paper manual for specific channel configurations.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Wireless Remote Shutter Release

This function allows you to trigger your camera's shutter remotely, ideal for preventing camera shake or for self-portraits.

1. Mount one RF-603II N3 transceiver onto your camera's hot shoe.
2. Connect the provided 2.5mm shutter release cable from the transceiver's 2.5mm port to your camera's remote control port.
3. Set this transceiver to **TRX** mode.
4. Take the second RF-603II N3 transceiver and set it to **TRX** mode.
5. To focus, half-press the shutter control button on the second (handheld) transceiver.
6. To take a photo, fully press the shutter control button on the second transceiver.
7. For continuous shooting, long exposure, or Bulb mode, refer to your camera's manual and the RF-603II N3's specific button functions for these modes.

### 5.2 Wireless Flash Trigger

Use the RF-603II N3 to trigger off-camera speedlites for creative lighting setups.

1. Mount one RF-603II N3 transceiver onto your camera's hot shoe. Set it to **TRX** mode.
2. Mount your flash speedlite onto the hot shoe of the second RF-603II N3 transceiver. Set this transceiver to **TRX** mode.
3. Ensure both transceivers are on the same channel.
4. When you press your camera's shutter button, the camera-mounted transceiver will send a signal to the flash-mounted transceiver, triggering the flash.

5. The RF-603II N3 supports a flash sync speed of up to 1/320 second. Actual sync speed may vary depending on the camera and flash model.

## 6. MAINTENANCE

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- Keep the transceivers dry. Do not expose them to rain or moisture.
- Clean the units with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- When not in use for extended periods, remove the batteries to prevent leakage.
- Store the units in a cool, dry place, away from direct sunlight and extreme temperatures.
- Regularly check the hot shoe contacts for cleanliness to ensure reliable connection.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Units not firing/triggering	Low batteries, incorrect channel, units too far apart, incorrect mode, flash/camera not powered on.	Replace batteries, ensure both units are on the same channel, reduce distance, set to TRX mode, power on camera/flash.
Shutter release not working	Cable not connected properly, incorrect cable for camera model, camera not in remote mode.	Check cable connection, ensure N3 cable is compatible with your Nikon model, check camera settings for remote control.
Inconsistent triggering	Interference, weak signal, obstructions.	Change channels, ensure clear line of sight, move closer to receiver.
Flash sync issues	Exceeding maximum sync speed, camera/flash compatibility.	Adjust camera shutter speed to be at or below 1/320s. Consult camera/flash manual for specific sync limitations.

## 8. SPECIFICATIONS

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- **Model Number:** RF-603II N3
- **Wireless Frequency:** FSK 2.4GHz
- **Channels:** 16
- **Transmission Distance:** Up to 100m (in capacious areas)
- **Flash Sync Speed:** Up to 1/320s (may vary by camera/flash)
- **Power Source:** 2 x AAA batteries (per transceiver)
- **Product Dimensions:** 6.3 x 3.6 x 1.7 inches
- **Item Weight:** 4.8 ounces
- **Compatible Devices:** Nikon D90, D5000, D5100, D7000, D3100, D600, D610, D7200, D5300, D5200, D3000, D3200, D3300, D3400, D5500, D7300 (and other compatible Nikon DSLR models with N3 port)

## 9. WARRANTY AND SUPPORT

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YONGNUO products typically come with a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official YONGNUO website for detailed warranty terms and conditions. For technical support, troubleshooting assistance, or service inquiries, please contact YONGNUO customer

service through their official channels.

**Manufacturer:** Hong Kong Yongnuo Photographic Equipment Co., Ltd