

## Neewer FC-16

# Neewer FC-16 Multi-Channel 2.4GHz 3-IN-1 Wireless Flash/Studio Flash Trigger with Remote Shutter

USER MANUAL

## 1. Introduction

The Neewer FC-16 is a versatile 2.4GHz wireless trigger system designed for photographers seeking reliable remote control over their flash units and camera shutter. This system offers three primary functions: wireless flash triggering for studio strobes and speedlites, and wireless remote shutter release for compatible cameras. Its multi-channel design helps prevent interference, ensuring consistent performance in various shooting environments.

## 2. Package Contents

Please verify that all items listed below are included in your package:

- 1 x FC-16 Wireless Transmitter
- 1 x FC-16 Wireless Receiver
- 1 x N1 Camera Cable
- 1 x N3 Camera Cable
- 1 x Flash Sync Cable
- 1 x PC Sync Cord
- 1 x Sync Adapter



Image: Overview of the Neewer FC-16 Wireless Flash Trigger components, including the transmitter, receiver, and various connection cables.

### 3. Features

- **Wireless Frequency System:** 2.4GHz for stable and reliable communication.
- **Operating Distance:** Up to 100 meters (328 feet) in open areas.
- **Channels:** 16 selectable channels to avoid interference.
- **Sync Speed:** Up to 1/250 second.
- **Power Supply:** Each unit (transmitter and receiver) requires 2x AAA alkaline batteries (not included).
- **Mounting:** Receiver features a 1/4" tripod mount for flexible positioning.
- **Functions:** 3-in-1 capability for wireless flash triggering (studio flash/speedlite) and wireless camera remote control.

### 4. Setup

Before operation, ensure both the transmitter and receiver have batteries installed and are set to the desired

channel.

## 4.1 Battery Installation

1. Locate the battery compartment on the back of both the transmitter and receiver.
2. Slide open the battery cover.
3. Insert 2x AAA alkaline batteries into each unit, observing the correct polarity (+/-).
4. Close the battery cover securely.

## 4.2 Component Identification



### Great Compatibility

Compatible with Nikon D7100 / D7000 / D5100 / D5000 / D3200 / D3100 / D600 / D90 / D800E / D800 / D700 / D300s / D300 / D200 / D4 / D3S / D3X / D3 / D2Xs / D2X / D1X / D2Hs / D2H / D1H / D1 / F100 / F90X / F5 / F6 / F90 / N90s

▼ FC-16 Wireless transmitter	▼ FC-16 Wireless receiver	▼ Flash sync cable	▼ Camera cable	▼ Convert adapter
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### Package Contents

- 1 x FC-16 Wireless transmitter
- 1 x FC-16 Wireless receiver
- 1 X Flash sync cable
- 2 x Camera cable (N1/ N3)
- 1 x Convert adapter

Image: Detailed diagram illustrating the various parts and controls of the FC-16 transmitter and receiver, including switches, buttons, and ports.

- **Transmitter:** Features a triggering button, channel switches, function switch (Flash/Camera/Delay/OFF), battery compartment, and hot shoe mount.
- **Receiver:** Includes a hot shoe adapter, channel switches, function switch (Flash/Camera/OFF), battery compartment, 1/4" mounting hole/hot shoe, shutter release cable connection port, and studio flash sync jack.

## 5. Operating Modes

The FC-16 offers multiple operating modes for diverse photographic needs.

### 5.1 Wireless Flash/Studio Flash Trigger Mode

This mode allows you to wirelessly trigger external speedlites or studio strobes.

1. Attach the FC-16 transmitter to your camera's hot shoe mount.
2. Attach your flash unit (speedlite or studio strobe) to the hot shoe mount of the FC-16 receiver. For studio strobes, connect the PC Sync Cord from the receiver to the strobe's sync port.
3. Ensure both the transmitter and receiver function switches are set to "FLASH" mode.
4. Set the same channel on both the transmitter and receiver using the DIP switches (refer to Section 6).
5. Position your flash unit as desired. The flash will fire synchronously with your camera's shutter when you take a photo.

### 5.2 Wireless Remote Control Mode (Shutter Release)

This mode allows you to wirelessly trigger your camera's shutter, ideal for preventing camera shake during long exposures or for self-portraits.

1. Connect the appropriate N-Cable (N1 or N3, depending on your camera model) to the shutter release cable connection port on the FC-16 receiver.
2. Connect the other end of the N-Cable to your camera's remote control input.
3. Ensure both the transmitter and receiver function switches are set to "CAMERA" mode.
4. Set the same channel on both the transmitter and receiver using the DIP switches (refer to Section 6).
5. Use the transmitter to wirelessly autofocus (half-press the button) and take pictures (full-press the button).

### 5.3 Wired Remote Control Mode

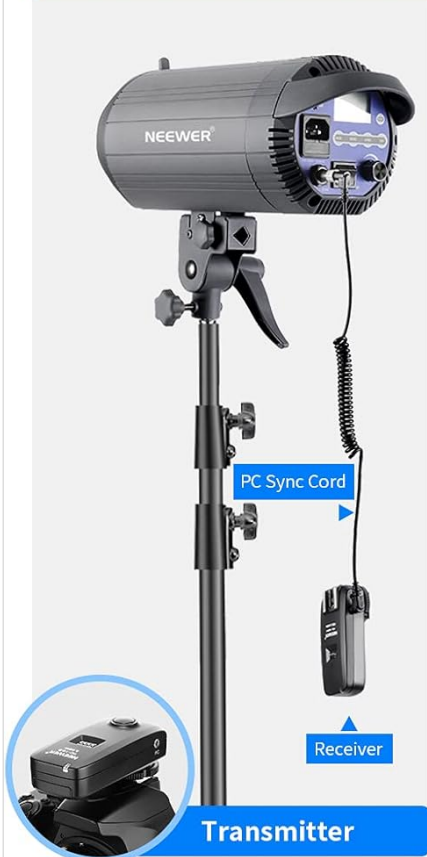
For a wired remote control method, simply plug the N-Cable into the transmitter alone and connect it to your camera's remote control input. The receiver is not needed for this function.

# 3-in-1 Functions Remote Trigger

Note: Camera, Light Stand, Flash, LED Light NOT Included

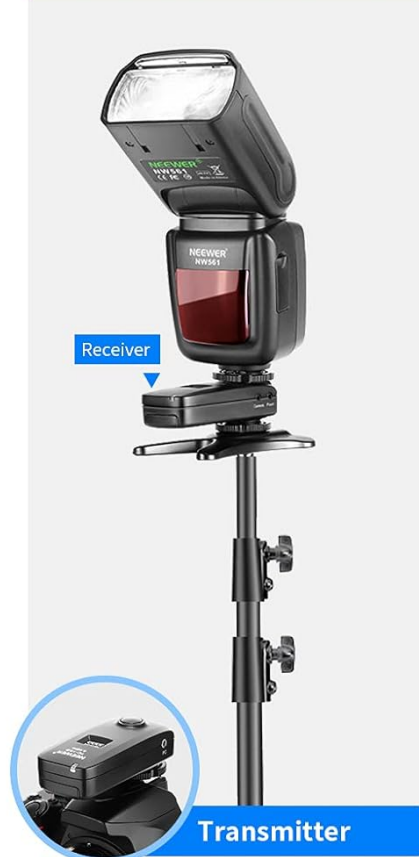
Wireless Trigger Studio Flash

Switch to "Flash" Mode



Wireless Trigger Speedlite Flash

Switch to "Flash" Mode



Wireless Control Shutter Release

Switch to "Camera" Mode

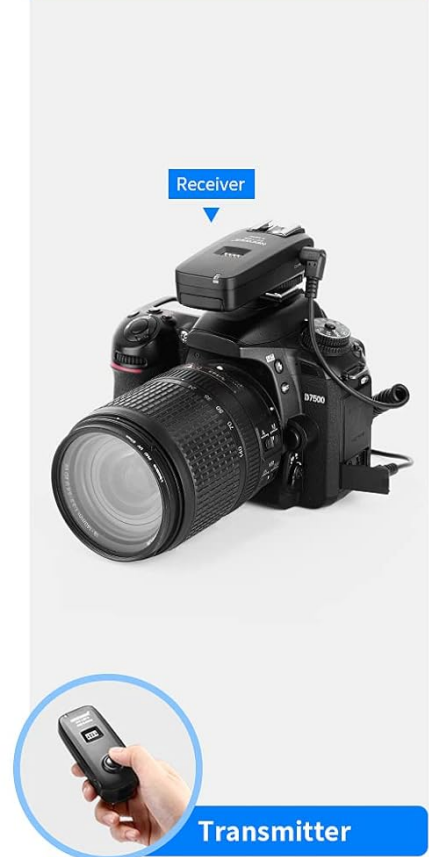


Image: Visual representation of the three main functions: Wireless Trigger Studio Flash, Wireless Trigger Speedlite Flash, and Wireless Control Shutter Release, showing how the transmitter and receiver are used in each scenario.

## 5.4 Advanced Shutter Release Operations

The FC-16 can also be used for specific shutter release techniques:

- **Long-Exposure Shooting:** Half-press the triggering button to focus, then fully press and hold for approximately 3 seconds. The camera will begin long exposure. Press again to stop.
- **Delay Shooting:** Set the receiver's function switch to "Delay" mode. Half-press the triggering button to focus, then fully press. The indicator light will blink for 5 seconds, after which the camera will capture the photo.
- **Normal Shutter Shooting:** Half-press the triggering button to focus, then fully press to take pictures.

# Operate Radio Trigger

Reduce physical vibration, suitable for macro, long exposure, delay photography,

**● Long-Exposure Shooting**

Long press 3s

Camera starts long exposure

Press again to stop exposure

**● Delay Shooting**

Flash OFF Camera Delay

The receiver switches to "Delay" Mode

Half press and press it completely when the indicator light turns green

After the indicator light blinks for 5S, the camera starts shooting

**● Normal Shutter Shooting**

Half press the button, focus

Fully press the button, take pictures

Image: Diagram illustrating various radio trigger operations including long-exposure shooting, delay shooting, and normal shutter shooting.

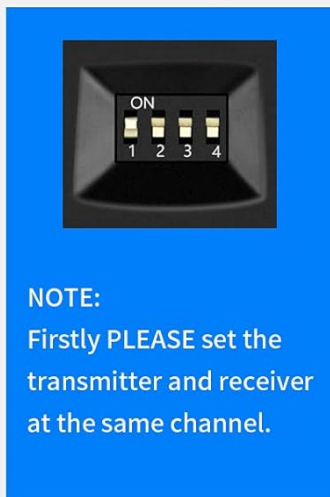
## 6. Channel Selection

The FC-16 system features 16 selectable channels to prevent interference from other wireless devices or photographers. Both the transmitter and receiver must be set to the same channel for proper communication.

1. Locate the channel DIP switches on the side of both the transmitter and receiver. There are four switches labeled 1, 2, 3, 4.
2. Each switch can be set to either ON (up) or OFF (down). Different combinations of these four switches correspond to the 16 available channels.
3. Choose a channel combination and ensure the DIP switches on both the transmitter and receiver match exactly. For example, if switch 1 is ON and switches 2, 3, 4 are OFF on the transmitter, the receiver must have the same setting.
4. If you experience interference, try switching to a different channel combination.

# Optional Multiple Channels

16 channels give you ability to avoid interference from other users



**NOTE:**  
Firstly PLEASE set the transmitter and receiver at the same channel.

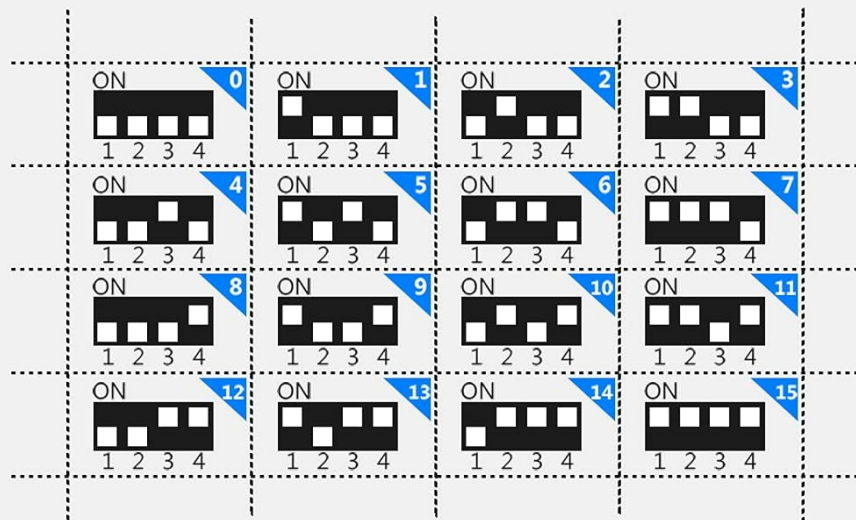


Image: Diagram illustrating the 16 optional channels and how to set them using the four DIP switches on the transmitter and receiver.

## 7. Compatibility

The Neewer FC-16 is compatible with a wide range of Nikon DSLR cameras and select Fuji models. The included N1 and N3 cables provide connectivity for various camera models.

### Compatible Nikon Models:

- D7100, D7000, D5100, D5000, D3200, D3100, D600, D90, D800E, D800, D700, D300S, D300, D200, D4, D3S, D3X, D2Xs, D2X, D1X, D2Hs, D2H, D1H, D1, F100, F90X, F5, F6, N90s

### Compatible Fuji Models:

- S5 Pro, S3 Pro

## • Transmitter



## • Receiver



Image: Diagram highlighting the great compatibility of the FC-16 with various Nikon and Fuji camera models, along with the included N1 and N3 camera cables.

## 8. Specifications

Feature	Specification
Wireless Frequency System	2.4GHz
Operating Distance	Up to 100 meters (328 feet)
Channels	16 Selectable Channels
Sync Speed	1/250 second
Power Supply	2x AAA alkaline batteries (per unit)

Product Dimensions	2 x 6.9 x 4.7 inches (approx.)
Item Weight	6.9 ounces (approx.)

## 9. Troubleshooting

- **Issue: Flash/Camera not triggering.**

**Solution:**

- a. Ensure both transmitter and receiver have fresh batteries and are powered ON.
- b. Verify that both units are set to the exact same channel.
- c. Check that the function switch on both units is set correctly (e.g., "FLASH" for flash triggering, "CAMERA" for shutter release).
- d. Confirm all cables are securely connected to the correct ports on the receiver and camera/flash.
- e. Test the flash or camera directly to ensure they are functioning independently.

- **Issue: Limited operating range or intermittent triggering.**

**Solution:**

- a. Replace batteries in both units. Low battery power can affect range.
- b. Try switching to a different channel to avoid potential interference from other wireless devices.
- c. Ensure there are no major obstructions (e.g., thick walls, large metal objects) between the transmitter and receiver.

- **Issue: Camera not focusing in remote control mode.**

**Solution:**

- a. Ensure the transmitter button is half-pressed to engage autofocus before fully pressing to trigger the shutter.
- b. Check camera settings to ensure autofocus is enabled and working correctly.

## 10. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the units. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, remove batteries from both the transmitter and receiver to prevent leakage and corrosion. Store the units in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Always use fresh, high-quality AAA alkaline batteries. Do not mix old and new batteries, or different types of batteries.
- **Handling:** Avoid dropping the units or subjecting them to strong impacts, which can damage internal components.

## 11. Warranty and Support

Neewer products are designed for reliability and performance. For information regarding warranty coverage, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Neewer website. Keep your purchase receipt as proof of purchase for any warranty claims.

