

Nikon WR-R11b

Nikon WR-R11b Wireless Remote Controller User Manual

Model: WR-R11b (Nikon 4239)

1. INTRODUCTION

The Nikon WR-R11b is a wireless remote controller designed to provide remote shutter release functionality for compatible Nikon cameras and control for radio-controlled flash units like the SB-5000 Speedlight. This device operates using radio frequencies, offering enhanced range and reliability compared to infrared systems. It can function as a transceiver, allowing it to be triggered by other Nikon wireless remote controllers or to act as a master unit for controlling multiple WR-R11b units. This manual provides detailed instructions for the proper setup, operation, and maintenance of your WR-R11b to ensure optimal performance and longevity.

2. SAFETY INFORMATION

Please read all safety instructions carefully before using the WR-R11b. Failure to follow these instructions could result in injury or damage to the product or other equipment.

- **Do not disassemble or modify:** Unauthorized disassembly or modification can lead to electric shock or malfunction.
- **Keep dry:** This product is not waterproof. Do not expose it to water or high humidity.
- **Avoid extreme temperatures:** Do not use or store the device in extremely hot or cold environments.
- **Handle with care:** Avoid dropping or subjecting the unit to strong impacts.
- **Interference:** This device operates on radio frequencies. Be aware of potential interference with other electronic devices.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any item is missing or damaged, please contact your retailer.

- WR-R11b Remote Controller

- Small strap (for attaching to camera strap)



Image 1: The Nikon WR-R11b Wireless Remote Controller, shown with its compact design and the included small strap for convenient attachment to a camera strap.

4. SETUP

4.1 Attaching the WR-R11b to the Camera

The WR-R11b connects to your Nikon camera via its accessory port.

1. Locate the accessory port on your compatible Nikon camera (e.g., Z 7II, Z 6II).
2. Align the connector on the WR-R11b with the camera's accessory port.
3. Gently push the WR-R11b into the port until it is securely seated. Do not force the connection.
4. Use the provided small strap to secure the WR-R11b to your camera strap or another convenient location to prevent accidental disconnection or loss.

4.2 Pairing with a Transmitter (WR-T10 or WR-1)

To enable wireless control, the WR-R11b must be paired with a compatible transmitter unit such as the WR-T10 or WR-1.

1. Ensure both the camera (with WR-R11b attached) and the transmitter (WR-T10 or WR-1) are powered on.
2. Refer to your camera's manual for specific instructions on enabling remote control functionality.
3. On the WR-R11b, press and hold the pairing button (refer to the device for exact location, typically a small recessed button).
4. While holding the WR-R11b pairing button, initiate the pairing process on your WR-T10 or WR-1 transmitter according to its instruction manual.
5. A successful pairing will typically be indicated by a status light on both units.

4.3 Channel Selection

The WR-R11b supports three radio frequency channels (5, 10, and 15) to minimize interference when multiple photographers are operating in the same area or when controlling multiple units.

- The channel selection is typically performed on the master unit (WR-T10, WR-1, or a WR-R11b acting as master).
- Ensure that all WR-R11b units and the transmitting unit are set to the same channel for proper communication.
- Consult the manual for your specific transmitter or camera for detailed instructions on changing the operating channel.

5. OPERATING INSTRUCTIONS

5.1 Basic Shutter Release

Once the WR-R11b is connected and paired, you can remotely trigger your camera's shutter.

- Press the shutter release button on your WR-T10 or WR-1 transmitter.
- The camera connected to the WR-R11b will respond as if its own shutter button was pressed.
- Half-press for autofocus, full-press for shutter release, depending on your camera's settings and the transmitter's capabilities.

5.2 Controlling Multiple Units

The WR-R11b system allows for simultaneous control of multiple cameras or flash units.

- A single WR-T10 or WR-1 can trigger multiple cameras, each equipped with a WR-R11b, provided they are all paired and on the same channel.
- A WR-R11b unit attached to a designated master camera can trigger up to 64 other transceiver units (WR-R11b, WR-R10, or WR-11a/b).

5.3 Controlling Speedlights

The WR-R11b can also be used to control radio-controlled flash units, such as the Nikon SB-5000 Speedlight.

- Up to 18 Speedlights can be paired to the WR-R11b on the camera.
- The communication distance between the WR-R11b on the camera and a Speedlight is approximately 98 feet (30 meters).
- Refer to your Speedlight's manual for specific pairing and control instructions.

5.4 Operating Range

The effective operating range of the WR-R11b system depends on the configuration:

- **WR-T10 to WR-R11b:** Approximately 66 feet (20 meters) line of sight.
- **WR-R11b (master) to other WR-T10/WR-11a/b units:** Approximately 164 feet (50 meters) line of sight.
- **WR-R11b (on camera) to Speedlight:** Approximately 98 feet (30 meters).

Note: Actual range may vary depending on environmental conditions, obstacles, and radio interference.

6. MAINTENANCE

6.1 Cleaning

To maintain the performance and appearance of your WR-R11b:

- Wipe the unit gently with a soft, dry cloth.
- Do not use alcohol, thinners, or other volatile chemicals, as these can damage the finish.
- Avoid getting moisture into the accessory port.

6.2 Storage

When not in use for extended periods, store the WR-R11b in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your WR-R11b, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not respond.	Not properly connected to camera. Camera not powered on. Not paired with transmitter. Incorrect channel selected. Out of range.	Ensure WR-R11b is securely attached to the camera's accessory port. Turn on the camera. Perform the pairing process again (Section 4.2). Verify that the WR-R11b and transmitter are on the same channel (Section 4.3). Move closer to the camera/transmitter.
Intermittent connection or poor range.	Environmental interference. Obstacles between units. Low battery in transmitter (if applicable).	Change the operating channel (Section 4.3). Ensure a clear line of sight between units. Replace batteries in the transmitter.
Cannot control Speedlights.	Speedlight not paired. Incorrect Speedlight settings.	Pair the Speedlight with the WR-R11b (refer to Speedlight manual). Check Speedlight's wireless settings.

8. SPECIFICATIONS

Feature	Detail
Model Name	WR-R11b
Nikon Model Number	4239
Type	Wireless Remote Controller (Transceiver)
Communication	Radio Frequency (2.4 GHz band)
Channels	3 (5, 10, 15)
Range (WR-T10 to WR-R11b)	Approx. 66 ft (20 m) line of sight
Range (WR-R11b master to other units)	Approx. 164 ft (50 m) line of sight
Range (WR-R11b to Speedlight)	Approx. 98 ft (30 m)
Max Supported Transceiver Units (as master)	64
Max Supported Speedlights	18
Power Source	Supplied by camera via accessory port
Compatible Cameras	Nikon cameras with an accessory port (e.g., Z 7II, Z 6II)
Product Dimensions	6.1 x 8 x 1.8 inches
Item Weight	6.1 ounces

9. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card included with your purchase or visit the official Nikon website.

For technical support, service, or additional product information, please contact Nikon customer support through their official channels.

[Nikon Support Website](#)