

VILTROX JY120-S2

VILTROX JY120-S2 Wireless Remote Shutter Release Control User Manual

Model: JY120-S2

1. INTRODUCTION

The VILTROX JY120-S2 is a wireless remote shutter release system designed to control your camera's shutter function remotely. It utilizes a 2.4 GHz radio frequency (RF) signal, allowing operation without direct line-of-sight between the transmitter and receiver. This system is ideal for preventing camera shake, taking self-portraits, group photos, or capturing wildlife from a distance.

The system includes a transmitter and a receiver, both powered by AAA batteries. It supports various shooting modes, including single shot, bulb mode for long exposures, and a 3-second delay time-lapse mode.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x JY120-S2 Transmitter Unit
- 1 x JY120-S2 Receiver Unit
- 1 x Camera Connection Cable (S2 type for Sony cameras)
- 1 x User Manual (this document)



Image: The VILTROX JY120-S2 wireless remote shutter release system, showing both the handheld transmitter and the camera-mounted receiver unit, along with the connection cable.

3. SETUP

3.1 Battery Installation

Both the transmitter and receiver units require AAA batteries (not included). To install:

1. Open the battery compartment cover on the back of both the transmitter and receiver units.
2. Insert the AAA batteries, paying close attention to the polarity markings (+ and -). For the receiver, if no polarity label is visible, insert the battery with the positive (+) end first into the slot with the bump on the cover. The other battery should be inserted in the opposite direction.
3. Close the battery compartment covers securely.

3.2 Connecting the Receiver to Your Camera

1. Locate the remote control port on your camera. This is typically a small jack, often used for wired shutter releases or GPS units.
2. Connect one end of the provided S2 camera connection cable to the receiver unit.
3. Connect the other end of the cable firmly into your camera's remote control port. Ensure the plug is fully seated to establish a reliable connection.
4. Mount the receiver unit onto your camera's hot shoe or attach it to a strap if preferred.

3.3 Powering On

Locate the ON/OFF switch on both the transmitter and receiver units. Slide the switches to the "ON" position. An indicator light on each unit will illuminate briefly to confirm power is on.

4. OPERATING INSTRUCTIONS

The JY120-S2 offers three primary shooting modes:

4.1 Half-Press for Autofocus

Similar to your camera's shutter button, a half-press on the transmitter's shutter button will engage your camera's autofocus and exposure metering. Fully press the button to take a picture.

4.2 Single Shot Mode

This is the standard mode for taking individual photos. Press the shutter button on the transmitter fully to capture a single image.

4.3 BULB Mode (Long Exposure)

BULB mode is used for exposures longer than your camera's standard shutter speed settings, ideal for night photography or light painting.

1. Set your camera to BULB mode (refer to your camera's manual for specific instructions).
2. On the transmitter, select BULB mode (if applicable, some models automatically detect BULB from camera).
3. Press the transmitter's shutter button once to open the shutter.
4. Press the shutter button a second time to close the shutter and complete the exposure.

4.4 Time-Lapse Shot (3-Second Delay)

This mode allows for a 3-second delay before the shutter fires, which can be useful for reducing camera shake or for the photographer to get into position.

1. On the transmitter, select the time-lapse or 3-second delay mode.

2. Press the shutter button fully. The camera will wait for 3 seconds before taking the picture.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the units. Do not use liquid cleaners or solvents.
- **Storage:** When not in use for extended periods, remove the batteries from both the transmitter and receiver to prevent leakage. Store in a cool, dry place.
- **Battery Replacement:** Replace batteries when the indicator lights dim or the units fail to respond.

6. TROUBLESHOOTING

- **Unit not powering on:**
 - Ensure batteries are correctly installed with proper polarity.
 - Replace with fresh AAA batteries.
 - Check that the ON/OFF switch is in the "ON" position.
- **Camera not responding to shutter release:**
 - Verify that both the transmitter and receiver are powered on.
 - Ensure the camera connection cable is securely plugged into both the receiver and the camera's remote port. A loose connection can prevent operation.
 - Check your camera's settings to ensure it is configured to accept remote shutter input.
 - Confirm the camera's battery is charged.
 - Test the range; while designed for 50-80m, environmental interference (Wi-Fi, cordless phones, microwaves) can reduce effective range.
- **Inconsistent range or signal:**
 - Move closer to the camera.
 - Avoid areas with high radio frequency interference.
 - Replace batteries in both units.
- **Shutter fires continuously or unexpectedly:**
 - Turn off both units and then turn them back on.
 - Check for any stuck buttons on the transmitter.

7. SPECIFICATIONS

- **Model:** JY120-S2
- **Connectivity:** FSK 2.4 GHz Wireless Radio Frequency
- **Working Distance:** Approximately 50-80 meters (164-262 feet)
- **Power Source:** AAA Batteries (Transmitter and Receiver)
- **Dimensions (Product):** 5.4 x 5 x 1.5 inches (approximate)
- **Item Weight:** 3.19 ounces (approximate)
- **Human Interface Input:** Buttons
- **Special Feature:** Ergonomic design
- **Compatible Devices:** Sony cameras with S2 remote port, including a58, A-77M2, A-7RM2, A5000, A5100, A6000, A7, A-7M2, A7R, A7S, a9, a6500, a6300, a99M2. (Compatibility with other brands possible with different cables, sold separately).

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the VILTROX official website or contact your retailer. Keep your purchase receipt as proof of purchase.

Manufacturer: JYC Technology (HK) Co.,Ltd