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VILTROX JY-710-C3

VILTROX JY-710-C3 Wireless Camera Timer Remote Control Shutter Release Instruction Manual

MODEL: JY-710-C3

Brand: VILTROX

1. Introduction

The VILTROX JY-710-C3 is a versatile multi-functional shutter remote control designed for photographers. It offers both wired and wireless operation, providing flexibility and reducing camera vibration during exposure. This device is particularly useful for specialized photography such as starry sky, night view, and time-lapse sequences. It integrates various shooting modes including simple single shot, one-second continuous shot, Bulb mode, customized delay shooting, and timer plan shooting. Its low power consumption ensures extended use, and the clear display allows for easy monitoring of settings and shooting status.



Figure 1: VILTROX JY-710-C3 Transmitter and Receiver

2. Package Contents

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

- Timer Remote (Transmitter) x1
- Receiver x1
- Shutter Release Cable (C3 type) x1
- English Instruction Manual x1



Figure 2: Package Contents

3. Product Features

- Multi-functional Shooting Modes:** Supports simple single shooting, 1-second continuous shooting, BULB shooting, delay shooting, and timer schedule shooting.
- Wireless Remote Control:** Features a built-in FSK 2.4GHz wireless remote control system with 4 channels. The effective remote distance is approximately 50-80 meters. Ensure both transmitter (TX) and receiver (RX) are set to the same channel for wireless operation.
- Reduced Camera Vibration:** Utilizes either wired or wireless remote control to prevent image degradation caused by camera vibration when manually pressing the shutter button.
- Advanced Timer Capabilities:** Activates the bulb function on compatible cameras and allows for up to 399 shots. Ideal for capturing time-lapse events such as sunrise, sunset, and blooming flowers without constant monitoring.
- Interchangeable Cables:** The transmitter, receiver, and shutter cord are separated. If you own different camera models, you only need to change the connecting cable to ensure compatibility.

4. Setup

4.1 Battery Installation

Both the transmitter and receiver require batteries for operation. Ensure correct polarity when inserting batteries.

1. Locate the battery compartment on the back of the transmitter and receiver units.
2. Open the battery compartment cover.
3. Insert the required batteries (typically AAA for both, refer to the unit's markings) according to the polarity indicators (+/-).
4. Close the battery compartment cover securely.



Figure 3: Transmitter Unit



Figure 4: Receiver Unit

4.2 Connecting to Camera

The JY-710-C3 can be connected to your camera in two ways: wired or wireless.

- **Wired Connection:** Connect one end of the provided C3 shutter release cable to the transmitter unit and the other end to your camera's remote control port. The transmitter can then be used directly as a wired remote.
- **Wireless Connection:** Connect one end of the C3 shutter release cable to the receiver unit and the other end to your camera's remote control port. The transmitter will then communicate wirelessly with the receiver to trigger the camera.

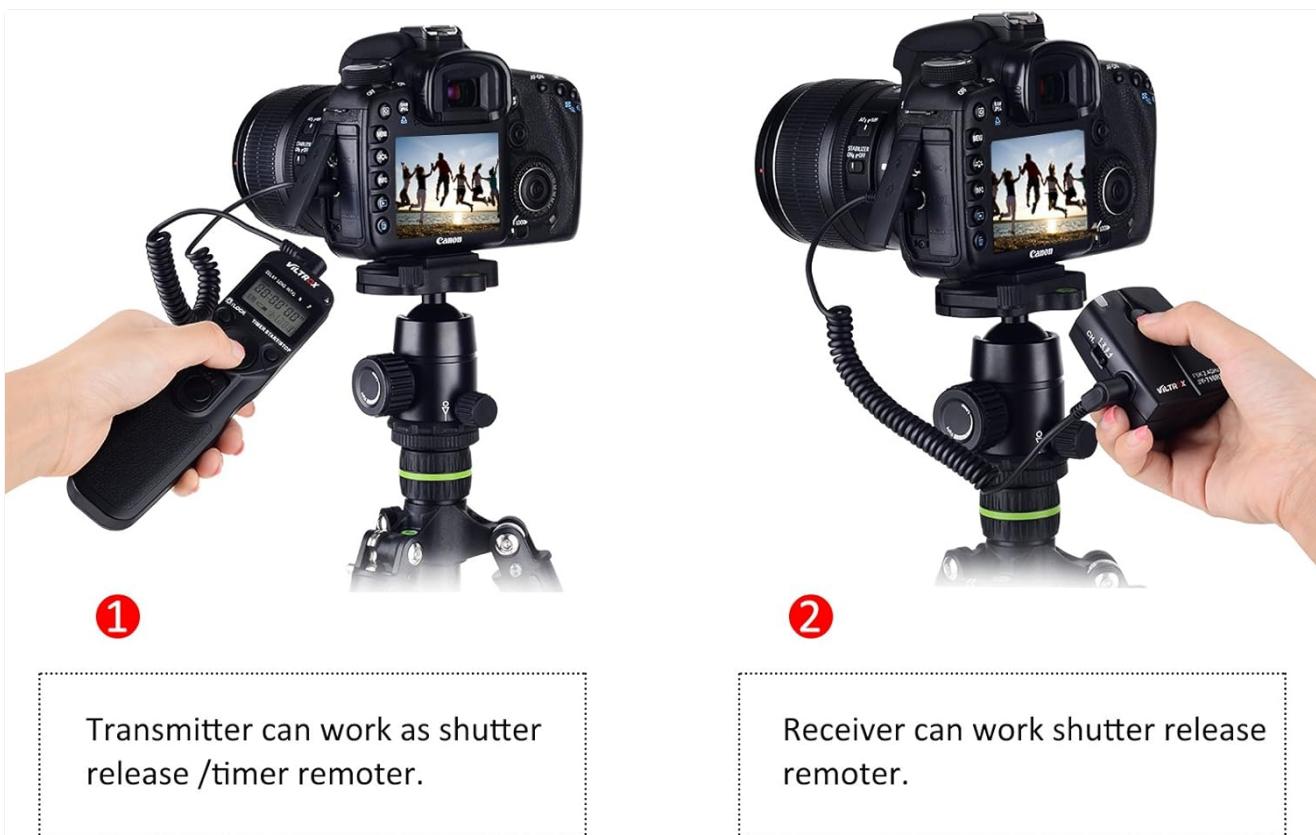


Figure 5: Wired (left) and Wireless (right) Connection Methods

4.3 Wireless Pairing (Channel Setting)

For wireless operation, ensure both the transmitter and receiver are set to the same channel.

1. Locate the channel switch on both the transmitter and receiver units.
2. Select a channel (1-4) on the transmitter.
3. Select the **exact same channel** on the receiver.
4. The units are now paired and ready for wireless communication.

5. Operating Instructions

The JY-710-C3 offers various shooting modes accessible via the transmitter's display and buttons.

5.1 Basic Shutter Release

- **Single Shot:** Press the shutter button on the transmitter halfway to focus, then fully press to take a single photo.
- **Continuous Shot:** Depending on your camera's settings, holding the shutter button down may trigger continuous shooting.

5.2 Timer Functions

The transmitter allows for advanced timer programming. Use the 'SET' button to enter the menu and navigation buttons to adjust values.

- **Delay / Self Timer (DELAY):** This function acts like a self-timer. You can set a delay from 1 second up to 99 hours, 99 minutes, and 99 seconds in 1-second increments. After the delay, the shutter will trigger.
- **Interval Timer (INTVL):** The interval timer allows you to set a time period between exposures, up to 100 hours. For example, if set to 10 minutes, an exposure will be taken every 10 minutes until the set exposure count is reached or manually stopped.

- **BULB / Long Exposure (LONG):** This mode enables long exposures up to 100 hours. When activated, the shutter remains open for the duration you specify, ideal for low-light photography or capturing light trails.
- **Exposure Count (N):** This setting determines the total number of exposures to be taken, up to 399 times. If set to 30, for instance, the camera will take 30 photos according to the other timer settings.



Bulb shooting , push “ Shutter-release button” to open the shutter , reset to close , good for blooming flowers and astrophotography .

Figure 6: Applications of Long Exposure Photography

Video 1: Time-lapse of a flower blooming, demonstrating a use case for the timer remote's interval and bulb functions.

6. Compatible Cameras

The VILTROX JY-710-C3 is compatible with various Canon EOS camera models, including but not limited to:

- EOS-1D X Mark II / 1D X / 1Ds Mark III / 1Ds Mark II / 1Ds / 1D Mark IV / 1D Mark III / 1D Mark II N / 1D Mark II / 1D
- EOS D2000
- 5D Mark IV / 5D Mark III / 5DS / 5DS R / 5D Mark II / 5D
- 6D Mark II / 6D
- 7D Mark II / 7D
- 60Da / 50D / 40D / 30D / 20D / 10D
- D60 / D30
- EOS-1V / EOS-3

7. Specifications

Feature	Specification
Model Number	JY-710-C3
Connectivity Technology	Radio Frequency (FSK 2.4GHz)
Wireless Channels	4 Channels
Wireless Range	Approx. 50-80 meters
Delay Timer	0s to 99h 59m 59s (1s increments)
Interval Timer	1s to 99h 59m 59s (1s increments)
Long Exposure (BULB)	0s to 99h 59m 59s (1s increments)
Exposure Count	1 to 399 shots
Power Source	Batteries (specific type not provided, typically AAA)
Item Weight	7 ounces
Package Dimensions	8.5 x 3.54 x 1.57 inches
Manufacturer	Shenzhen Jueying Technology Co., Ltd.

8. Maintenance

To ensure the longevity and optimal performance of your VILTROX JY-710-C3, follow these maintenance guidelines:

- Cleaning:** Use a soft, dry cloth to clean the exterior of the transmitter and receiver. Avoid using harsh chemicals or abrasive materials.
- Storage:** When not in use for extended periods, remove the batteries from both units to prevent leakage and corrosion. Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- Cable Care:** Handle the shutter release cable carefully. Avoid sharp bends or excessive pulling that could damage the internal wiring.

9. Troubleshooting

If you encounter issues with your JY-710-C3, refer to the following common problems and solutions:

- Device Not Powering On:**
 - Check if batteries are inserted correctly with the correct polarity.
 - Replace old or depleted batteries with new ones.
- Camera Not Triggering (Wireless Mode):**
 - Ensure both the transmitter and receiver are set to the same channel.
 - Verify that the receiver is properly connected to the camera's remote port.
 - Check the distance between the transmitter and receiver; ensure it's within the effective range (50-80 meters) and free from major obstructions.
 - Confirm camera settings allow for remote shutter release.

- **Camera Not Triggering (Wired Mode):**

- Ensure the shutter release cable is securely connected to both the transmitter and the camera.
- Test the cable for damage by trying a different cable if available.

- **Timer Functions Not Working as Expected:**

- Double-check all timer settings (DELAY, INTVL, LONG, N) on the transmitter's display.
- Ensure the camera is in the appropriate mode (e.g., Bulb mode for long exposures).

10. Warranty and Support

VILTROX products are manufactured to high-quality standards. For specific warranty information, please refer to the warranty card included with your product or visit the official VILTROX website. For technical support, product inquiries, or service, please contact VILTROX customer service through their official channels.

Official VILTROX Website: <http://www.viltrox.com/>