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PHOTOOLEX T720C

PHOTOOLEX T720C Wireless Remote Shutter Timer Intervallometer User Manual

Model: T720C | Brand: PHOTOOLEX

Introduction

The PHOTOOLEX T720C is a high-performance wireless remote shutter and timer intervallometer designed for compatible Canon cameras. It offers both wired and wireless operation modes, providing flexibility for various photographic needs. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal use of your device.

The T720C utilizes an FSK 2.4GHz wireless control system, offering stable and fast shutter reaction with a transmission distance of up to 100 meters (330 feet).

Package Contents

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

- Transmitter (1 unit)
- Receiver (1 unit)
- AAA Batteries (2 units)
- CR2 3V Lithium-Ion Battery (1 unit)
- User Manual (1 unit)
- Shutter Cables (3 units)
- Comment Card (1 unit)



Image: The PHOTOOLEX T720C package contents, including the transmitter, receiver, batteries, cables, and manual.

Product Overview

Components

The PHOTOOLEX T720C system consists of a transmitter and a receiver. Familiarize yourself with the main components:



Image: Labeled diagram of the T720C transmitter and receiver, showing cable sockets, focus and release indicators, display screen, LOCK/Lighting button, Set button, Release button, and Direction buttons.

- **Cable Socket:** Connects the remote to the camera.
- **Focus and Release Indicator:** Lights up to indicate focus and shutter release.
- **Display Screen:** Shows timer settings and status.
- **LOCK/Lighting Button:** Locks settings or activates backlight.
- **Set Button:** Enters programming mode for timer functions.
- **Release Button:** Triggers the camera shutter.
- **Direction Buttons:** Used for navigating menus and adjusting values.
- **TIMER START/STOP:** Initiates or halts timer sequences.

Display Panel

The LCD display provides essential information about the remote's status and programmed settings:

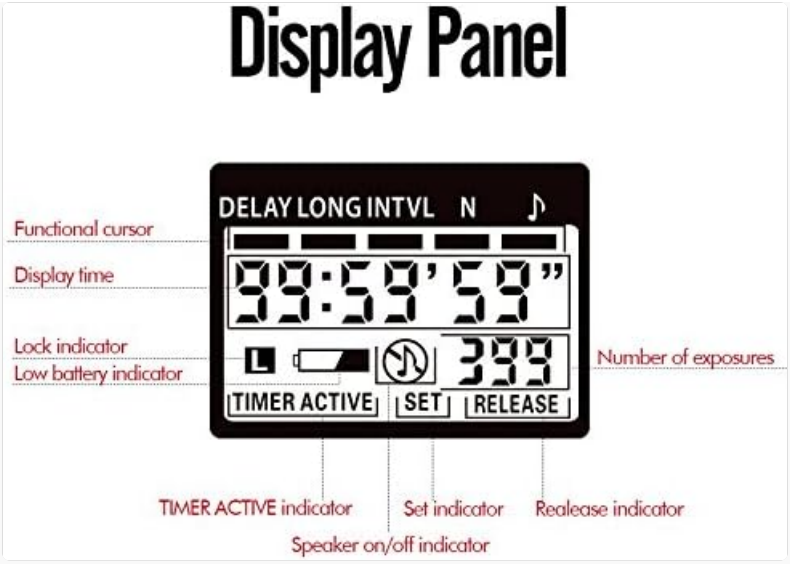


Image: Detailed view of the T720C's LCD display, showing indicators for functional cursor, display time, lock, low battery, number of exposures, TIMER ACTIVE, Set, Release, and speaker on/off.

- **Functional Cursor:** Indicates the currently selected setting.
- **Display Time:** Shows delay, exposure, or interval times.
- **Lock Indicator:** Shows if settings are locked.
- **Low Battery Indicator:** Alerts when battery power is low.
- **Number of Exposures (N):** Displays the programmed number of shots.
- **TIMER ACTIVE Indicator:** Shows when a timer sequence is running.
- **Set Indicator:** Appears when in setting mode.
- **Release Indicator:** Appears when the shutter is released.
- **Speaker On/Off Indicator:** Shows the status of the audible alerts.

Setup

Battery Installation

1. **Transmitter:** Open the battery compartment on the back of the transmitter. Insert two AAA batteries, ensuring correct polarity. Close the compartment.
2. **Receiver:** Open the battery compartment on the receiver. Insert one CR2 3V battery, ensuring correct polarity. Close the compartment.

Note: The transmitter battery life is approximately 1 year, and the receiver battery life is approximately 2000 hours.

Connecting to Camera

The T720C comes with interchangeable shutter connecting cables to ensure compatibility with various Canon cameras.



Image: Diagram showing how to connect the interchangeable shutter cable to a Canon EOS 60D camera and the remote receiver. Different cable types (C1, C2) are shown for Canon compatibility.

1. Identify the correct shutter cable for your camera model. The manual includes three different cables for broad compatibility.
2. Connect one end of the shutter cable to the 2.5mm cable socket on the receiver.
3. Connect the other end of the shutter cable to the remote control port on your camera. Ensure a secure connection.

For wired operation, connect the shutter cable directly from the transmitter to your camera's remote control port.

Operating Modes

The PHOTOOLEX T720C supports both wired and wireless operation, offering various shooting functions.



Image: Comparison of wired and wireless remote shutter setups. The wired setup shows the transmitter connected directly to the camera, while the wireless setup shows the transmitter held separately from the camera with the receiver attached.

Wired Operation

To use the T720C in wired mode:

1. Connect the shutter cable directly from the transmitter's 2.5mm socket to your camera's remote control port.
2. The transmitter will now function as a wired remote. Press the release button halfway to focus and fully to trigger the shutter.

Wireless Operation

To use the T720C in wireless mode:

1. Ensure the receiver is connected to your camera via the shutter cable.
2. The transmitter will communicate wirelessly with the receiver.
3. Press the release button on the transmitter halfway to focus and fully to trigger the shutter.

Timer Functions

The T720C offers advanced timer functions for precise control over your photography:

- **Delay (DELAY):** Sets a delay before the first shot is taken.
- **Exposure Time (LONG):** Controls the duration of the shutter opening for each exposure (useful for bulb mode).
- **Interval (INTVL):** Sets the time between consecutive shots in a series.
- **Number of Shots (N):** Specifies how many photos will be taken in a sequence.

To program timer functions:

1. Press the **SET** button to enter programming mode.
2. Use the direction buttons to navigate between DELAY, LONG, INTVL, and N settings.
3. Adjust the values using the direction buttons.
4. Press **SET** again to confirm and move to the next setting, or press the **TIMER START/STOP** button to exit and start the sequence.

Shutter Functions

The remote supports various shutter release modes:

- **Single Shot:** Press the release button fully once to take a single photo.
- **Continuous Shooting:** Hold the release button fully down for continuous shots (if supported by camera settings).
- **Bulb Shooting:** For long exposures, set your camera to Bulb mode. On the remote, set the "LONG" exposure time. Press the release button to start the exposure and again to end it, or let the programmed "LONG" time complete.



Image: The PHOTOOLEX T720C remote displaying a timer countdown during a bulb shooting scenario, with a camera on a tripod capturing a long exposure of a night sky.

Maintenance

- Keep the remote control clean and dry. Avoid exposure to dust, dirt, and moisture.
- Use a soft, dry cloth to clean the device. Do not use abrasive cleaners or solvents.
- When not in use for extended periods, remove the batteries from both the transmitter and receiver to prevent leakage.
- Store the device in a cool, dry place, away from direct sunlight and extreme temperatures.

Troubleshooting

Problem	Possible Cause	Solution
Remote does not power on.	Dead or incorrectly installed batteries.	Check battery polarity. Replace batteries with new ones.
Camera does not respond to remote.	Incorrect cable connection, camera not in remote mode, receiver not powered, out of range.	Ensure cable is securely connected to both receiver and camera. Check camera settings for remote control. Verify receiver battery. Reduce distance between transmitter and receiver.
Wireless connection is intermittent.	Interference, obstacles, low battery.	Move closer to the receiver. Ensure no large obstacles are blocking the signal. Replace batteries.
Timer functions are not working as expected.	Incorrect settings programmed.	Review the "Operating Modes" section and re-program the timer settings carefully.

Specifications

- **Wireless Carrier Frequency:** FSK 2.4GHz
- **Antenna:** Built-in PCB antenna
- **Transmission Distance:** 100m (open area)
- **Transmitter Battery:** 2 x AAA (2.4V to 3.2V)
- **Receiver Battery:** 1 x CR2 3V (650mAh)
- **Transmitter Battery Life:** Approximately 1 year
- **Receiver Battery Life:** Approximately 2000 hours
- **Shutter Interface:** 2.5mm
- **Transmitter Dimensions:** 155 x 48.5 x 20mm
- **Receiver Dimensions:** 61.5 x 38 x 20mm
- **Transmitter Weight:** 63.5g
- **Receiver Weight:** 15.5g
- **Operating Temperature:** -15℃ ~ 65℃
- **Storage Temperature:** -30℃ ~ 85℃
- **Compatible Cameras:** Canon EOS 1V, 3, 1D, 1Ds, 1DS Mark II, 1Ds Mark III, 1D Mark II, 1Ds 10D, 20D, 30D, 40D, 50D, 5D, 5DMkII, 7D, 30, 33, 50, 60D, 300, 300D (Rebel XT), 400D (Rebel Xti), 450D (Rebel Xsi), 500D (Rebel Tli), 550D, 1000D (Rebel XS), 60D, 600D (Rebel T3i), Pentax IST-D, IST-DL, IST K100D, K110DL, K100D, K200D, K10D, K20D, K7D, K100D, K110D, K200D, MZ-6, ZX-L, MZ-L, etc.

Warranty and Support

Warranty Information

The PHOTOOLEX T720C comes with a 12-month warranty, extendable by an additional 6 months upon product registration, totaling 18 months.

Customer Support

For any questions, technical assistance, or warranty claims, please contact PHOTOOLEX customer service. Email support is available 24 hours a day, 7 days a week.
If you are unsure about the compatibility of this remote with your camera, please contact customer service for assistance.

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