PIXEL TW-DC0

Pixel LCD Wireless Shutter Release Remote Control TW283-DC0 for Nikon Cameras

Model: TW-DC0 | Brand: PIXEL

1. Introduction

This manual provides comprehensive instructions for the setup and operation of your Pixel TW283-DC0 Wireless Shutter Release Remote Control. This device is designed to offer versatile control over your Nikon camera's shutter functions, including single shot, continuous shooting, bulb mode, delay shooting, and advanced timer schedule shooting. It operates wirelessly, providing flexibility for various photographic scenarios.

Figure 1: Pixel TW283-DC0 Wireless Shutter Release Remote Control components.

2. Package Contents

- TW-283 Transmitter x 1
- TW-283 Receiver x 1
- Shutter Connecting Cable DC0 x 1
- User Manual x 1

3. Product Overview

The Pixel TW283-DC0 system consists of a transmitter (remote control) and a receiver unit, connected to your

camera. Both units feature an LCD screen for settings and status display.

Figure 2: Transmitter (left) and Receiver (right) components.

Transmitter (TX) Components:

1. LED Light Indicator
2. Power Switch, Backlit Button
3. Number Add Button
4. Shift Left Button
5. Set/Confirm Button
6. LCD Screen
7. Timer Schedule Start/Stop Button
8. Number Reduce Button
9. Shift Right Button
10. Focus Button/Shutter Button

Receiver (RX) Components:

1. LED Light Indicator
2. Power Switch, Backlit Button
3. LCD Screen

4. Backlit/Channel Add Button

4. Setup

4.1 Battery Installation

The transmitter requires two AAA batteries, and the receiver requires two AAA batteries. Batteries are not included in the package. Open the battery compartments on the back of both units and insert the batteries according to the polarity indicators.

4.2 Connecting to Camera

Attach the receiver unit to your camera's hot shoe. Connect one end of the provided DC0 shutter connecting cable to the receiver's input port and the other end to your camera's remote control terminal.

Figure 3: Receiver connected to a camera.

Figure 4: Shutter connecting cable diagram.

4.3 Channel Setting

To ensure proper communication, the transmitter and receiver must be set to the same channel. The Pixel TW283 offers 30 channels to avoid interference.

1. Turn on both the transmitter and receiver by long-pressing their respective power buttons.
2. On the transmitter, use the left and right arrow buttons to navigate to the 'CH' (Channel) mode. Press the 'SET' button to enter parameter adjustment.
3. On the receiver, simultaneously press the 'CH-' and 'CH+' buttons to enter parameter adjustment.
4. Adjust the channel number on both units using the up/down buttons on the transmitter and 'CH-'/'CH+' buttons on the receiver until they match. Press 'SET' on the transmitter and both 'CH-'/'CH+' again on the receiver to confirm.
5. To activate the screen backlight, gently press the light button on the transmitter or long-press the light button on the receiver.

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Video 1: Demonstration of setting channels and various shooting modes on the Pixel TW283 wireless remote control.

5. Operating Modes

The Pixel TW283-DC0 offers multiple shooting modes to suit different photographic needs. Ensure your camera's shooting mode is set appropriately for the desired remote control function.

Figure 5: Four Shutter Release Modes.

5.1 Single Shooting

For taking a single photograph.

- Set the transmitter to single shot mode.
- Set your camera to single shot mode.
- Half-press the shutter button on the transmitter to focus, then full-press to release the shutter.

5.2 Continuous Shooting

For taking multiple photographs in quick succession.

- Set the transmitter to continuous mode.
- Set your camera to continuous shooting mode (e.g., high-speed continuous).
- Half-press the shutter button on the transmitter to focus, then press and hold to start continuous shooting. Release to stop.

5.3 Bulb (Long Exposure) Shooting

For exposures longer than typically available in standard camera settings.

- Set the transmitter to bulb mode.
- Set your camera to bulb mode.
- Press the shutter button on the transmitter once to open the shutter. Press it again to close the shutter.

5.4 Delay Shooting

Allows for a set delay before the shutter is released, useful for self-portraits or reducing camera shake.

- Set the transmitter to delay mode.

- Adjust the delay time from 1 to 59 seconds.
- Adjust the number of shots from 1 to 99.
- Press the start button to initiate the countdown and shooting sequence.

5.5 Timer Schedule Shooting (Intervalometer)

This advanced mode allows for complex timed shooting sequences, ideal for time-lapse photography.

Figure 6: Six Timer Functions.

You can set the following parameters:

- **DELAY:** Delay before the first shutter release (0s to 99h 59m 59s).
- **LONG:** Exposure time for each shot (0s to 99h 59m 59s). This is used in conjunction with Bulb mode on the camera.
- **INTVL (Interval):** Time between each shot (0s to 99h 59m 59s).
- **N1 (Number of Shots):** The number of photos to take in each sequence (1 to 999).
- **REPEAT:** The delay before the entire sequence repeats (0s to 99h 59m 59s).
- **N2 (Number of Loops):** The number of times the entire sequence will repeat (1 to 99, or '--' for unlimited).

To set these parameters, enter the timer mode on the transmitter and use the navigation buttons to adjust values. Press the 'SET' button to confirm each parameter. Once all parameters are set, press the 'Start/Stop' button to begin the timer schedule shooting.

Figure 7: Intervalometer in use for time-lapse photography.

6. Specifications

- **Product Dimensions:** 5.71 x 1.57 x 0.71 inches
- **Item Weight:** 0.004 ounces
- **Item Model Number:** TW-DC0
- **Batteries:** 4 AAA batteries required (2 for transmitter, 2 for receiver)
- **Wireless Range:** Up to 80 meters (262 feet)
- **Channels:** 30
- **Special Feature:** Ergonomic design
- **Color:** Black
- **Max Number of Supported Devices:** 1 (per remote system)
- **Compatible Devices:** Camera (Nikon Z8, Z9, D1, D2, D3, D3s, D4, D4s, D5, D6, D800, D850, D800E, D810, D810A, D700, D500, D300s, D300, D200, F6, F100, F5, F90X, F90, N90s, D1X, D2H, D3X; Fujifilm S5 Pro, S3 Pro; DCS-14N, MC-30, MC-36A)

7. Troubleshooting

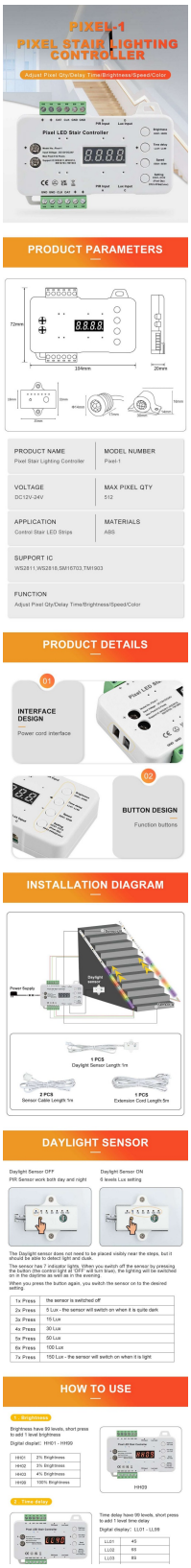
- **No Power:** Ensure fresh AAA batteries are correctly installed in both the transmitter and receiver.
- **No Connection/Shutter Release:**
  - Verify that the transmitter and receiver are set to the same channel.
  - Check that the shutter connecting cable is securely plugged into both the receiver and the camera.
  - Ensure the camera's remote control settings are correctly configured.
  - Confirm the camera is powered on and in a compatible shooting mode.
- **Interference:** If experiencing unreliable connection, try changing to a different channel on both the transmitter and receiver.
- **Limited Range:** Ensure there are no significant obstructions between the transmitter and receiver. The

maximum wireless range is approximately 80 meters (262 feet).

8. Warranty and Support

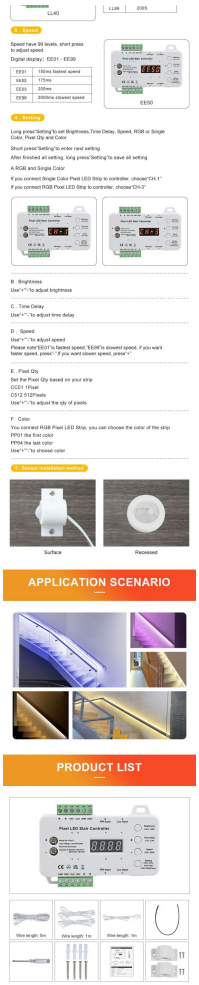
For warranty information or technical support, please refer to the documentation included with your purchase or contact the manufacturer directly. Keep your proof of purchase for any warranty claims.

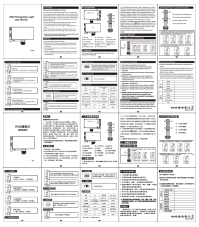
Related Documents - TW-DC0



[Pixel-1 Pixel Stair Lighting Controller: Features, Specifications, and Usage Guide]

A comprehensive guide to the Pixel-1 Pixel Stair Lighting Controller, detailing its features, installation, operation, and specifications for various LED strips. Learn how to adjust brightness, delay time, speed, and color for dynamic stair lighting.





[PIXEL G1S RGB Photographic Light User Manual]

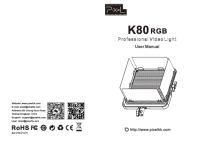
User manual for the PIXEL G1S RGB Photographic Light, detailing its components, operation, and specifications. Includes instructions for use, button functions, and settings adjustments.

[Pixel Keyboard User Manual - Features, Specifications, and Operation]

Comprehensive user manual for the Pixel Keyboard, detailing its advanced features, technical specifications, shortcut keys, customization options, connectivity, and interface details. Learn about its 3840x1100 IPS display, 20000mAh battery, 65W fast charging, and computer screen projection capabilities.

[Pixel Voical Lark Wireless Microphone System User Manual]

Comprehensive user manual for the Pixel Voical Lark wireless microphone system, covering setup, features, product components, operation, cascading, and troubleshooting for professional and content creation audio needs.



[Pixel K80 RGB Professional Video Light User Manual]

User manual for the Pixel K80 RGB Professional Video Light, detailing specifications, components, interface icons, installation, and operation modes including HSI, CCT, and FLS effects. Learn about brightness, color temperature, and light effect settings.

[YM3798 - INTOIOT]			
INTOIOT YM3798		RS485	4-20mA DC0-5V DC0-10V