



Congratulations on your purchase of the PocketWizard MiniTT1® / FlexTT5/FlexTT6® Wireless Photo Control System for Canon or Nikon DSLR cameras and flashes. You can use the MiniTT1 Transmitter and FlexTT5 / FlexTT6 Transceiver to control single or multiple off-camera electronic or intelligent TTL flashes. The PocketWizard ControlTL® System takes the complex TTL data being sent through the camera's hot shoe and digitally interprets and transmits it as a reliable radio signal. You can now place TTL or manual flashes anywhere to illuminate the scene: Around corners, out-of-sight and in bright sunlight. The MiniTT1 and FlexTT5 / FlexTT6 are compatible with any PocketWizard radio for triggering manual flash or remote cameras.

The Canon-specific MiniTT1 and FlexTT5 / FlexTT6 radios work within the Canon E-TTL II system.

The Nikon-specific MiniTT1 and FlexTT5 radios work within the Nikon i-TTL / CLS system.

All references to TTL are exclusively for the electronic or intelligent TTL systems specific to Canon (E-TTL II) and Nikon (i-TTL / CLS), and not film TTL.

The terms Speedlite or Speedlight are used interchangeably throughout this wiki.

This wiki contains the latest information about the operation of your radios. If you would like to download a PDF of this information, [click here](#) and follow the instructions.

**Note:** The FlexTT6 was created to make the newest generation of Canon cameras (such as the 1DX Mark II and 5D Mark IV) compatible with our ControlTL system. The difference between the FlexTT6 and FlexTT5 is a circuit board hardware change. The functions of the radios are identical. Any information or videos you see, with the exception of compatible cameras, is identical between the FlexTT6 and FlexTT5. To use a FlexTT5 with a FlexTT6, the FlexTT5 will need to be updated to firmware version 6.905 or later to function properly.

## Operation

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**To quickly begin using your radio, you might be interested in the Quick Guides or other documentation at [PocketWizard.com](http://PocketWizard.com).**

For more detailed information, use the links below to hone in on the specific feature you are looking for. The links are the section headings. For example, the words **Getting Started** below will take you straight to that section.

## **[Getting Started](#)**

Information you should know before using your radios. Also referred to as "READ ME FIRST" information.

## **[Key Features](#)**

Learn more about the key features of your MiniTT1 and FlexTT5 / FlexTT6. Additional information on features can also be found at [PocketWizard.com](http://PocketWizard.com)

## **[MiniTT1 and FlexTT5 FAQ](#)**

Having trouble with your MiniTT1 or FlexTT5/FlexTT6? Check out our [MiniTT1 and FlexTT5 FAQ](#) page!

## **[Safety Warnings](#)**

Information about operating the radios safely can be found here.

## **[Nikon Compatibility](#)**

Find out exactly what cameras and flashes work with the Nikon-Specific ControlTL radios, and what specific operational considerations are required for your gear.

## **[Canon Compatibility](#)**

Find out exactly what cameras and flashes work with the Canon-specific ControlTL radios, and what specific operational considerations are required for your gear.

## **[Batteries](#)**

Battery types, polarity, and life expectancy information.

## **[PocketWizard Utility](#)**

Connect your radios to your computer via USB and control many aspects of them via the PocketWizard Utility.

## **[Basic Wireless TTL](#)**

Simple TTL operation instructions. Use all of your Speedlites as one zone of light with the camera making the exposure decision.

## **[Advanced Wireless TTL](#)**

Advanced i-TTL operation instructions. Control individual zones of light. Control your remote Speedlights manually from the camera position.

## **Manual Flash**

Trigger any remote flash simply.

## **PowerTracking**

Trigger a compatible remote studio flash and control its power level directly from the camera position.

## **HyperSync**

Learn more about increasing your X-Sync speed using HyperSync.

## **High Speed Sync / Auto FP**

Use your Speedlites with your camera's fastest shutter speeds. See [Understanding HyperSync and High Speed Sync](#).

## **Channels**

Channels allow you to work collaboratively with other photographers, or to work with your radios exclusively.

## **Remote Camera Triggering**

In addition to triggering remote flash, your PocketWizard radios can trigger a remote camera's motor drive port. Relay Mode is covered in this section.

## **Factory Reset**

Sometimes you just need the settings in your radio to be like they were when you first took them out of the box.

## **Status LED**

This section covers the various colors and blink patterns used by the Status LED.

## **Mounting**

Radios perform best when mounted properly.

## **Long Range Performance**

Optimize range using these techniques.

## **MiniTT1 and FlexTT5 Specifications**

Details on radio specifics are found here.

## **FCC Notice**

The FCC wants you to know...