

# PocketWizard®

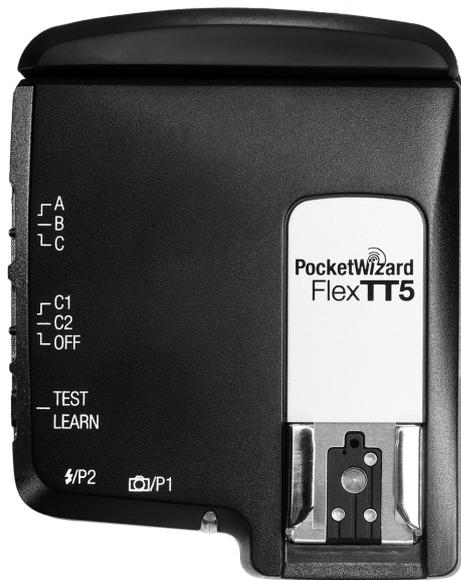
MAKE IT POSSIBLE™



Photo: © Mike Kelley

PocketWizard wireless photo control systems have offered reliable camera and flash triggering for nearly two decades, enabling the world's leading photographers to capture images that defy limitations. Now, PocketWizard has developed an entirely new platform called ControlTL® that gives photographers total control over their remote speedlight flashes, and power control capabilities with select studio flash systems.

Highlighted by the MiniTT1® Transmitter and FlexTT5® Transceiver for Canon and Nikon, the new ControlTL platform features "slide-n-shoot" simplicity to help keep your workflow natural. PocketWizard MiniTT1 and FlexTT5 radios offer perfect off-camera wireless TTL or Manual Power Control on location, in the studio, around corners, out of sight and even in bright sun.



Available for either:  
Canon E-TTL II  
Nikon CLS / i-TTL

## FlexTT5®

TRANSCIEVER with ControlTL®

The most versatile PocketWizard ever, the FlexTT5 Transceiver triggers flashes and cameras, works in either TTL or Manual Power Control mode and is compatible with all other PocketWizard radios. The FlexTT5 can greatly expand your shooting capabilities, enabling you to capture shots previously thought impossible.

The FlexTT5 Transceiver is the perfect addition to the Canon E-TTL and Nikon i-TTL flash system. Featuring PocketWizard's advanced ControlTL firmware, the FlexTT5 Transceiver can be paired with the PocketWizard MiniTT1 Transmitter or another FlexTT5 to provide ultimate wireless freedom.

### KEY BENEFITS for PHOTOGRAPHERS

- **Wireless E-TTL II for Canon and CLS / i-TTL for Nikon as well as Manual Power Control**
- **Higher Flash Sync Speeds**  
Use Optimized High Speed Sync (HSS) with speedlights and sync up to 1/8000<sup>th</sup>. Use HyperSync™ with any flash system for full power flash at higher x-sync speeds.
- **Both a Transmitter AND a Receiver**  
Auto-Sensing Transceiver technology enables the FlexTT5 Transceiver to automatically switch between transmit mode and receive mode for ultimate flexibility.
- **Easily Trigger a Remote Camera**  
Trigger a remote camera in sync with a remote flash with Auto-Relay Mode. Put a camera where you can't be and use either remote TTL or non-TTL lighting or both at the same time.

[www.PocketWizard.com](http://www.PocketWizard.com)

# ControlTL® Features & Functions:

## ControlTL® Control the Light

ControlTL is designed to work seamlessly with Canon's E-TTL II & Nikon's CLS / i-TTL flash system to give you full TTL autoflash with speedlights or the precision of manual power control with speedlights and select studio flash systems. ControlTL offers features and controls never before available in a wireless photo control system.



### Manual Power Control

Remotely adjust the manual power settings of your flashes in up to three zones. You can have as many flashes in each group as you want.



### PowerTracking

Automatically adjusts for changes in shutter speed, f-stop or ISO when working in TTL mode. Shoot carefree without the need to readjust your lighting.



### Optimized HSS

Get more light, faster recycling times and more shots per battery with Canon & Nikon's High Speed Sync (HSS/FP) mode, optimized by PocketWizard's ControlTL technology. Now you can take advantage of this great feature and shoot wide open in full sun with remote flash.



### HyperSync™

HyperSync allows photographers to achieve faster X-sync speeds with full power flash. Now you can cut the ambient light and use wide-open apertures outdoors in bright sunlight. That extra speed can also freeze action, whether shooting models or athletes in motion.

*\*Every camera/flash system performance will be different.*



### Optimized Rear Curtain Sync for Canon

Precise rear curtain sync capability is engaged automatically, no buttons to press. Set the shutter speed at which rear curtain sync is engaged with the PocketWizard Utility. Capture natural light trails with sharp exposures at the end – no "after trails!"



### Pre-Flash Boost

In some TTL situations, including shooting in full sun, over long distance or using diffusers or bounce flash, the normal pre-flash is simply not enough for the camera to see. Pre-Flash Boost allows you to compensate for the light loss when defusing or bouncing.



### Basic Trigger Mode

Allows the FlexTT5 to work as a basic trigger on any camera it will fit.



### PocketWizard Compatible

Works with all PocketWizard radios on the same frequency including PocketWizard OEM Partner products like Sekonic meters and Profoto, Bowers, Calumet, Dynalite, Lumedyne, Norman and Photogenic flash packs for standard triggering, HyperSync and Rear Curtain Sync.



### PocketWizard Utility

Using a standard USB connection and the free PocketWizard Utility, you can easily configure your channel settings, dial in your HyperSync timing, adjust your sleep-mode timers and update your product to the latest firmware virtually making your MiniTT1 and FlexTT5 radios "Future Proof".



### Auto-Sensing Transceiver Technology

PocketWizard's Auto-Sensing Transceiver Technology enables the FlexTT5 Transceiver to switch between transmit mode and receive mode automatically for greater flexibility on the job.



### Auto-Relay Mode

Easily trigger a remote camera in sync with a remote flash with Auto-Relay Mode. Put a camera where you can't be and use either remote TTL or non-TTL lighting or both at the same time.



### Channels/Learn Mode

The FlexTT5 has two channel configuration settings; C1 and C2. Each can be programmed as needed for TTL photography or standard channels for manual flash photography. Channels can be configured using the PocketWizard Utility or use the Learn function.



### ZoneControl

Add the AC3 ZoneController on top of your FlexTT5 and gain three zones of power control right from the camera's position. Works in both auto/TTL and manual. Shut down an entire zone with the flick of a switch. When used as a Receiver, the FlexTT5 Transceiver's A-B-C zone select switch allows you to create three zones of light that can be controlled individually from the camera's position using either the PocketWizard AC3 ZoneController or a Canon or Nikon flagship speedlight in the shoe of the FlexTT5. The zone select switch also allows the FlexTT5 to work with the same zones on a MultiMAX. AC3 ZoneController sold separately.

### Camera/Flash Ports

The FlexTT5 Transceiver has two plug-in ports for use with remote cameras and other flash packs. With its Auto-Relay Mode, the FlexTT5 can trigger a remote camera and transmit to a remote flash at the same time.

### Continuous Fast FPS

Never before have you been able to shoot remote TTL non-stop in continuous high-speed mode. Fill the buffer! Nothing else comes close.



# FlexTT5®

## Specifications:

<b>TTL compatibility:</b>	Canon E-TTL II & Nikon CLS / i-TTL compatible - Visit PocketWizard.com for an updated compatibility list.
<b>Frequency:</b>	CE 433.42 - 434.42 MHz US FCC/IC 340.00 - 354.00 MHz
<b>Channels:</b>	CE 35 channels over 5 frequencies US FCC/IC 52 channels over 26 frequencies
<b>Antenna:</b>	6.9 cm (2.7") rubberized with 180 degree swing
<b>Transmit output power:</b>	Less than 0.001 watt (1/1000 of a watt or 1 milliwatt)
<b>Range performance:</b>	10 to 240 meters (30 to 800 feet) depending on flash used, antenna orientation, RF shielding and other variables
<b>Mounting:</b>	Hot shoe, 1/4-20, lanyard
<b>Maximum shooting rate*:</b>	<b>TTL Mode:</b> within 1 FPS of camera's maximum FPS <b>Basic Trigger Mode:</b> Camera Max FPS <small>*dependent on flash power settings FPS = Frames Per Second</small>
<b>Power &amp; Configuration/ Channel switch:</b>	OFF - C.2 - C.1
<b>Zone select switch:</b>	A-B-C (matches Canon/Nikon slave groups or MultiMAX zones)
<b>Status indicator:</b>	LED: Green, Amber, Red status indications
<b>Camera/P1 port:</b>	3.5 mm (1/8") stereo miniphone for 2-stage remote camera triggering. Port Voltage Handling: up to 50 volts, 100 milliamp continuous non-polarized Tip = Trigger / Ring = Pre-Trigger / Sleeve = Ground <small>Note: for camera triggering only. Do not connect a flash to this port.</small>
<b>Flash/P2 port:</b>	3.5 mm (1/8") mono miniphone Port Voltage Handling: up to 200 volts, 4 amps peak, 250 milliamp continuous, non-polarized
<b>Minimum receive contact time:</b>	Camera/P1 Port = 80 milliseconds Flash/P2 Port = 500 microseconds
<b>Voltage present:</b>	3.3 VDC (all pins) - safe for all cameras
<b>Hot shoe voltage handling:</b>	Up to 50 volts
<b>USB:</b>	USB Compliant 2.0, Mini-B Connector, 5VDC regulated, 100mA, Pin 1 Positive, Pin 4 Ground
<b>Operating temperature:</b>	Above -15°C (5°F) and below 50°C (120°F)
<b>Storage temperature:</b>	Above -30°C (-22°F) and below 85°C (185°F) (without battery)
<b>Housing:</b>	High impact plastic, captive battery door, hot shoe made of glass reinforced resin
<b>Power:</b>	Two (2) AA (IEC:LR6) alkaline recommended, other chemistries (NiMH, NiCAD, Lithium) allowed, USB
<b>Battery life:</b>	60+ hours
<b>Dimensions:</b>	3.6" (9.2 cm) long x 7.3 cm (2.9") wide x 3.6 cm (1.4") tall, antenna lowered
<b>Weight:</b>	153 grams (5.4 oz) 108 grams (3.8 oz) without batteries
<b>Included in the box:</b>	FlexTT5 Transceiver, USB cable, Two AA (IEC:LR6) alkaline batteries, Quick Guide

**Note:** Information subject to change. Visit pocketwizard.com for the most up to date product information.



[www.PocketWizard.com](http://www.PocketWizard.com)

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