

# PocketWizard®

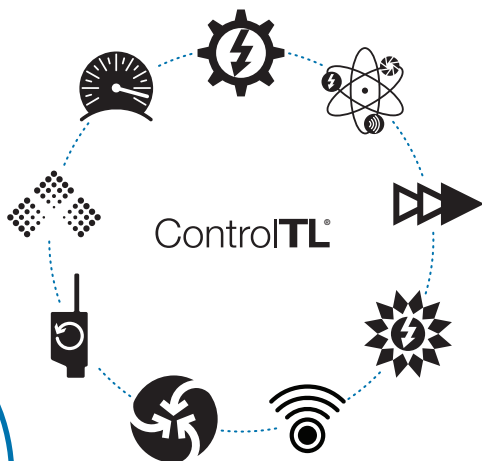
MAKE IT POSSIBLE™



Photo: © Peter Wadsworth

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

## MiniTT1®

TRANSMITTER with ControlTL®

The smallest PocketWizard radio ever, the MiniTT1 Transmitter delivers big performance. Built on the ControlTL platform, the MiniTT1 provides optimized TTL and manual power control of a remote flash connected to another ControlTL radio. Use the built-in hot shoe for an on-camera flash. The MiniTT1 is reverse compatible with any PocketWizard radio, like the Plus II, for standard triggering.

### KEY BENEFITS for PHOTOGRAPHERS

- **Wireless E-TTL II for Canon and CLS / i-TTL for Nikon as well as Manual Power Control**  
Take advantage of simplified and optimized TTL autoflash with the benefits of wireless radio communication. Work beyond the boundaries of infrared and optical triggering; long range, around corners, through walls and in bright sun. For those that want total control, use remote Manual Power Control for precise settings.
- **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.
- **Compact Size**  
The MiniTT1 Transmitter is small! There is little between you and your subject.
- **Studio Flash Control**  
The ControlTL platform allows for power control of select studio flashes from the camera position. Check PocketWizard.com for current compatibility.

[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'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.



### 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.



### 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!"



### Basic Trigger Mode

Allows the MiniTT1 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, Bowens, 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".



### Channels/Learn Mode

The MiniTT1 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 MiniTT1 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.  
*AC3 ZoneController sold separately.*

### 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.

### Low Profile Design

The lay-flat design with integrated hot shoe and internal antenna keeps a very low profile on your camera. Powered by a CR2450 lithium coin cell battery.

### Radio Communication

Shoot through walls, around corners, in bright sun at longer range.



# MiniTT1®

## 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>	Internal	
<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 only	
<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>Status indicator:</b>	LED: Green, Amber, Red status indications	
<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	
<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>	3 volt Lithium battery, CR2450 (included) or CR2354 Lithium coin cell type	
<b>Battery life:</b>	Hundreds of hours of camera "awake time" depending on shooting habits	
<b>Dimensions:</b>	7.1 cm (2.8") long x 4.9 cm (1.9") wide x 3.3 cm (1.3") tall	
<b>Weight:</b>	65 grams (2.3 oz), 57 grams (2.0 oz) without battery	
<b>Included in the box:</b>	MiniTT1 Transmitter, USB cable, CR2450 battery, Quick Guide	

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



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

[info@pocketwizard.com](mailto:info@pocketwizard.com)