

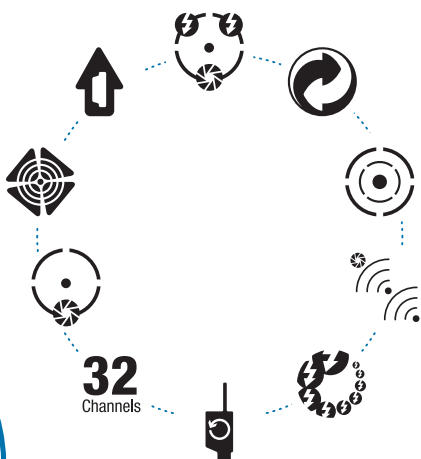
# PocketWizard®

MAKE IT POSSIBLE™



Today's photographers need an edge, and there's no other product that can give you the creative freedom of a PocketWizard radio. We've torn down technical barriers, enabling you to position flashes and cameras in the right places to get the right shots at the right time.

PocketWizard photo products enable wireless triggering between all components of your photographic system, no matter how simple or complex your remote triggering needs. With a PocketWizard radio, remote triggering of cameras and flashes is as easy as pushing a button.



## PLUS® IV

TRANSCIVER

You now have the best of both world in one easy-to-use, reliable wireless trigger. The Plus IV Auto-Sensing Transceiver allows photographers the benefit of on-camera TTL flash combined with remote manual flash. The Plus IV top shoe provides pass-thru TTL compatibility with most Canon and Nikon cameras and flashes. Built on the reliability and simplicity of the PocketWizard Plus legacy and loaded with numerous features and functionality, the Plus IV Transceiver is the ultimate in performance for combining on-camera TTL flash with remote manual flash.

The Plus IV features an impressive 32 channels (16 Standard plus 16 Quad-Zone Triggering channels) allowing you to activate or deactivate your remote flashes or cameras wirelessly in 4 separately controllable zones (A, B, C or D). Whether you shoot portraits, weddings or sports, having the ability to combine on camera TTL flash with remote manual flash provides you with a huge competitive edge.

### KEY BENEFITS for PHOTOGRAPHERS

- **On Camera TTL Flash / Remote Manual Flash**  
On-camera TTL compatibility with most Canon and Nikon cameras and flashes as well as some Panasonic, Fuji and Olympus gear.
- **Quad-Zone Triggering**  
Activate or deactivate up to four zones of remote flashes or cameras.
- **Auto-Relay Mode**  
Trigger a remote camera in sync with one or more remote flashes.
- **Simple User Interface**  
All channels, zones and modes can be easily engaged via a keypad input and displayed on a backlit 2.5cm (1") LCD display.

## Features & Functions:



### On-Camera TTL Flash / Remote Manual Flash

The Plus IV features a top shoe providing TTL compatibility with most Canon, Nikon and Panasonic cameras and flashes as well as some Fuji and Olympus gear. This allows photographers the versatility to shoot with an on-camera flash in TTL mode while triggering their remotes in manual mode. A perfect setup for wedding photographers.

**32**  
Channels

### 32 Channels

With 32 channels (16 standard plus 16 Quad-Zone Triggering channels), the PocketWizard Plus IV Transceiver enables you to trigger individual or groups of lights simultaneously or individually. This is critical for working in crowded venues or with multiple lighting set-ups.



### Quad-Zone Triggering

Selective Quad-Zone Triggering keeps you shooting photos, not running back and forth to your lighting or cameras. Without leaving the camera position, you can wirelessly activate or deactivate your remote flashes or cameras in 4 separately controllable zones: A, B, C, or D. This is ideal when using multiple lighting setups or turning remote cameras or flashes on and off as needed.



### Auto-Sensing Transceiver

With our patented Auto-Sensing Transceiver technology, the Plus IV Transceiver is so smart radio. When set to TxRx, it will instantly and intelligently switch between transmitter and receiver modes as needed for greater flexibility on the job. The Plus IV may be set to transmit (Tx) or receive (Rx) independently if needed.



### Two-Stage Remote Camera Triggering

The Plus III Transceiver is the perfect solution for remote camera triggering. The unique two-stage TEST button on the Plus III works just like the shutter release button on your camera. Press it halfway and your remote camera wakes up to meter and focus. Press TEST all the way to take your photo. When released, your remote camera will return to sleep mode normally; a real battery saver.



### Auto-Relay Mode

Our Auto-Sensing Transceiver technology lets you trigger a remote camera in sync with remote flashes using only 3 PocketWizard radios: the one in your hands, a Plus IV cabled to your remote camera, and the one connected to your remote flash set to one channel higher.



### Long Range Capability

Range is expected to be comparable to other PocketWizard radios. Shooting environments are seldom ideal, so the Plus IV incorporates two range extending modes for the challenges of the real world. Use Long Range Mode (LR) to nearly double the effective triggering distance in almost any environment.



### Repeater Mode (RP)

In very challenging environments or extremely long working ranges, place a Plus IV in Repeater Mode (RP) between your transmitter and receiver to repeat the signal and complete the connection. These modes take a little extra time to do their jobs, so maximum X-sync may be reduced when firing remote flashes in LR or RP modes.



### High Speed Receive

Normally, the Plus IV is capable of triggering lights or cameras at a sustained rate of up to 12 frames per second (FPS), with a standard for PocketWizard radios. Set the Plus IV to High Speed Receive Mode (HSR) and trigger at rates up to 14.5 FPS, beyond the capability of most of today's cameras. This mode can also help high FPS triggering compatibility for any flash. TTL operation reduces the fastest FPS a system can use.



### External Power and Firmware Upgradeable

The Plus IV is normally powered by two AA (IEC:LR6) batteries. For long term remote placement, use an AC adapter, like the PW-AC-USB Adapter, that plugs into the standard Mini-B USB port of the Plus IV. The USB port also enables future upgrades of the Plus IV operating system.



### PocketWizard Compatible

The Plus IV is compatible with all Standard channel or simple triggering PocketWizard radios of the same frequency\* including PocketWizard-enabled photo gear from Profoto, Dynalite, Norman, Photogenic and Sekonic light meters. The PocketWizard wireless system allows for total flexibility with whatever lights or cameras you may be working with. (\*FCC and CE PocketWizard radios work on different frequencies)

### Simple User Interface

The Plus IV has an intuitive user interface where all channels, zones and modes can be easily engaged via a soft-touch keypad, and displayed on an easy-to-read backlit 2.5cm (1") LCD display. When you're working in dark environments, simply press any key other than TEST to illuminate the LCD.



# PLUS<sup>®</sup> IV

## Specifications:

<b>Frequency:</b>	FCC/IC	340.00 - 354.00 MHz
	CE	433.42 - 334.42 MHz
<b>Channels:</b>		32 channels
		1-16 Standard channels
		17-32 Selective Quad-Zone Triggering channels
		Reverse compatible with <i>all</i> PocketWizard radios of the same frequency* using Standard or Quad-Zone Triggering channels (*FCC and CE PocketWizard radios work on different frequencies)
<b>Zones:</b>		A - B - C - D
		Compatible with other PocketWizard radios with Quad-Zone Triggering channels
<b>Antenna:</b>		Precision tuned internal coil
<b>Display:</b>		Backlit 2.5cm (1.0") liquid crystal display (LCD)
<b>Hot Shoe/Metal Foot:</b>		ISO compatible, TTL pass-through for pin / electrical compatible equipment including most Canon, Nikon, Panasonic, Fuji and Olympus. Sony Multi-Interface cameras and speedlights pin compatible for simple manual triggering only (no TTL).
<b>Range:</b>		Comparable to other PocketWizard radios (Actual range is dependent on multiple factors including equipment, mode, environment, positioning, orientation and interference)
<b>Sync speed:</b>		Up to 1/250 (focal plane) Up to 1/500 (leaf shutter)
<b>Triggering Speed:</b>		Up to 14.5 FPS (On-camera TTL operation reduces FPS)
<b>Contact Time:</b>		62 milliseconds in normal operation 2 milliseconds in High Speed Receive (HSR) Mode
<b>Status Indicator:</b>		LED: Green, Amber, Red status indications
<b>Transmit Output Power:</b>		Less than 1 milliwatt (0.001 watt)
<b>Power:</b>		Two (2) AA (IEC:LR6) alkaline recommended NIMH, NiCAD, NiZn, Lithium acceptable (these chemistries may not report battery life accurately) USB (optional AC adapter PW-AC-USB available)
<b>Battery life:</b>		Approximately 50 hours (with alkaline batteries)
<b>Max Sync Port Voltage:</b>		Camera / Flash Port: 300 Volts Hot Shoe (off camera): 300 Volts Hot Shoe (on camera): When using a 3rd party flash on camera, verify camera and flash specifications for voltage compatibility. On camera speedlights are directly connected to the camera's hot shoe electrically.
<b>Max Current Handling</b>		Camera / Flash Port: 1.0 A peak, 0.2 A (1/5 Amp or 200 milliamp) continuous current limited
<b>Voltage Present:</b>		3 volts, safe for use with all digital and film cameras
<b>USB:</b>		USB 2.0 Mini-B Connector
<b>Housing:</b>		High impact plastic with captive battery door
<b>Weight:</b>		130 grams (4.7 oz) with alkaline batteries installed; 90 grams 3.1 oz (no batteries)
<b>Dimensions</b>		Height: 4.5cm (1.8")   Width: 5.9cm (2.3")   Depth: 10.4cm (4.1")
<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 75° C (167° F) (without batteries)
<b>Input/Output:</b>		3.5mm (1/8") stereo miniphone jack, hot shoe
<b>Mounting:</b>		Metal foot, ¼-20 threaded insert
<b>In the Box:</b>		Quick Guide, Stereo 3.5mm (1/8") miniphone to miniphone cable, Mono 3.5mm miniphone to locking PC cable, Stereo 3.5mm miniphone to 6.35mm (¼") adapter, Lanyard, Operation reference sticker
<b>Optional Accessories:</b>		Isolation bar, trigger buttons, camera motor drive cables, PC cables and adapters, flash sync cables and protective cases

**Note:** Information subject to change. Visit [PocketWizard.com](http://PocketWizard.com) for the most up to date product information.



**PocketWizard**<sup>®</sup>  
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[PocketWizard.com](http://PocketWizard.com)

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