



## Features & Functions:

**32**  
Channels

ControlTL

### Thirty-two Standard Channels, Twenty ControlTL Channels

Creatively control groups of lights or cameras. Work in crowded venues or with multiple flash set-ups.



### Manual Power Control

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



### Selective Quad-Triggering

Activate or deactivate flashes and/or cameras wirelessly in four separately controllable zones (ABCD) without leaving the camera position.



### Auto-Relay Mode

Acts as a transmitter and receiver, triggering both camera and flash from up to 500 meters (1600 ft) away. Upon receiving a signal from a remote transmitter, the on-camera receiver automatically switches instantaneously to transmit mode and signals the remote flash units to fire in sync with the camera.



### Repeater Mode

By using several MultiMAX II radios in a row and Repeater Mode, you can extend range almost indefinitely.



### Long Range Mode

When extra distance is needed, especially for remote camera triggering, Long Range Mode can provide up to 100% more range.

### Close Range Mode

If you find your receiver needs to be close to the transmitter, use Close Range Mode to reduce output power so the receiver is not overwhelmed.

### True Trigger Confirmation

Verifies each successful triggering and indicates misfires via audio and/or visual confirmation signals. No other transmitter/receiver system can do this.

### Signal Strength Indicator

The Signal Strength Indicator is used for two purposes. When in standby mode, the Signal Strength Indicator shows how clean the airwaves are of interference on that channel – more bars means little interference. When a trigger signal is received, the Signal Strength Indicator shows how strong a trigger signal was received.

### Noise Sniffer

Displays how much radio interference there is on any given channel including peak intermittent noise and more steady noise, both of which can cause triggering interference. Pick the channel with the lowest interference.

### User Interface

Easy-to-read blue backlit LCD display and rubberized keypad allows quick setting adjustments and confirmation of camera and flash status. Display and buttons are backlit with the push of a button. Locking keypad eliminates unintended setting changes. Default settings can be quickly restored.



### CID Ready

If you are a professional working in crowded venues such as soccer arenas, track & field events or the Olympics, you will want to consider having custom IDs (CIDs) installed in your radios. A Custom ID is a private digital code that no one can trigger but you. It is a premium service offered exclusively from PocketWizard.



### 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. Available sync cables support all major brands of flash equipment in lengths up to 4.8 meters (16 ft). A variety of dedicated camera triggering cables are also available.



### PocketWizard Utility

Using a standard USB connection and the free PocketWizard Utility, you can easily update your product to the latest firmware virtually making your MultiMAX II radio "Future-Proof".

### Additional Features:

Multi-Zone Receive, Custom ID Move, Patterns, Hibernate, Auto-Power Off Control, Hot Shoe Toggle, Beep Control, Contact Time, Local Flash, Trigger Counter

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

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

## MultiMAX II Trigger Time Control Features:



### Rear Curtain Sync

Capture ambient streaks of light at slow shutter speeds and freeze the action with your flashes, even for cameras without this feature. Delay the sync time to fire the electronic flash unit near the end of the exposure, with precision of 1/10,000<sup>th</sup> of a second. Includes pre-programmed shutter speeds of 1 to 1/60<sup>th</sup> of a second, with additional settings configurable via the MultiMAX II's delay time adjustment screen.



### Multi-Pop

Add depth of field or stroboscopic effects to images. Multi-Pop allows your flash to be fired up to 9,999 times on the same exposure while waiting for a user programmed recycle time, from 1/100<sup>th</sup> second up to 16.6 minutes between pops.



### Infinite Intervalometer

Perform time-lapse imaging to photograph events as they unfold. Capture an infinite amount of exposures for an infinite amount of time.

### Precision Delay Times

Set delay times in transmit mode for rear curtain sync effects, and in receive mode for stroboscopic effects, flash sequencing or camera-flash synchronization.



### SpeedCycler

Perform sequential triggering for up to sixteen cameras or sixteen electronic flash units. Ideal for multi-angle camera shots, and reducing recycle time in fast-paced photo shoots, by triggering the next flash in line, while the previous flash is recharging.

### Lag Time Equalizer

Measures reaction time between camera trigger signal to shutter firing. This lag time can be used to trigger single or multiple cameras and flashes in sync with each other.

## Specifications:

<b>Range:</b>	Up to 500 Meters (1600 feet) in normal mode Up to 1000 meters (3200 feet) in Long Range Mode
<b>Frequency:</b>	CE 433.62 MHz (Standard Triggering) 434.22 MHz (Quad-Triggering); 433.42 - 434.42 MHz (ControlTL) US/FCC 344.00 MHz (Standard Triggering) 346.50 - 354.00 MHz (Quad-Triggering); 340.00 - 351.00 MHz (ControlTL)
<b>Code:</b>	Complex 16/20/24 bit digitally coded signals
<b>Channels:</b>	16 Original Classic channels, 1 - 16 16 Quad-Triggering channels, 17 - 32 20 ControlTL channels (3 for CE)
<b>Sync speed:</b>	Up to 1/125 <sup>th</sup> in ControlTL Mode Up to 1/250 <sup>th</sup> (focal plane), 1/500 in FAST MODE Up to 1/500 <sup>th</sup> (leaf shutter), 1/1000 in FAST MODE Up to 1/1000 <sup>th</sup> (w/certain digital cameras)
<b>Maximum shooting rate*:</b>	12 Frames Per Second (FPS) <small>*dependent on flash power settings</small>
<b>Batteries:</b>	Two (2) AA (IEC:LR6) alkaline
<b>AC adapter:</b>	Optional AC adapter – US/FCC only 5 VDC regulated, 0.2 A (200 milliamp) or higher (recommended)
<b>Housing:</b>	Custom molded high impact plastic with captive battery door
<b>Weight:</b>	153 grams (5.4 ounces) w/alkaline batteries
<b>Dimensions:</b>	<b>Height:</b> 10.2 cm (4.0") body only <b>Flexible Antenna:</b> 6.1 cm (2.4") <b>Width:</b> 5.5 cm (2.1") <b>Depth:</b> 3.7 cm (1.4")
<b>Input/Output:</b>	3.5 mm (1/8") mono miniphone jacks Hot shoe; USB Port; 4-pin miniphone ACC jack
<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>Maximum port voltage:</b>	100 VDC
<b>Mounting:</b>	Hot shoe, 1/4-20 female thread mount, lanyard loop and Velcro®
<b>Time settings:</b>	<b>Contact time:</b> up to 999.99 seconds or 16 minutes, 39.99 seconds (min .01 sec.) <b>Delay time:</b> up to 9.9999 seconds (min. 0.001 sec.)
<b>Infinite Intervalometer:</b>	Infinite exposures from 1 second to 100 hours apart
<b>Multi-Pop:</b>	999.99 seconds, or 16 minutes, 39.99 seconds (min .01 sec.)
<b>Accuracy:</b>	Timing is repeatable within ± 0.0001 or 1/10,000 <sup>th</sup> of a second
<b>Counter:</b>	9999 triggers (min 0)
<b>Pre-set rear curtain delays:</b>	1, 1/2, 1/4, 1/8, 1/15, 1/30 and 1/60 <sup>th</sup> shutter speed
<b>Included in box</b>	Stereo 3.5mm (1/8") miniphone to miniphone cable, Mono 3.5mm miniphone to locking PC cable, Stereo 3.5mm miniphone to 6.35mm (1/4") Adapter, Lanyard

