

March 15, 2013 (updated June 11, 2013)

## Firmware Release Notes

### Plus® III

#### **Plus III Firmware Upgrade to version 1.200**

340.00 - 354.00 MHz, FCC/IC  
433.42 - 434.42 MHz, CE

### Plus III Firmware 1.200 Overview

**Intro:** Plus III firmware version 1.200 addresses some improvements we have made since the launch of firmware version 1.100.

#### **IMPORTANT:**

This Plus III firmware requires PocketWizard Utility version 1.54 or later, available [here](#). When you have installed the latest Utility, connect your Plus III to your computer with a standard Mini-B USB cable. Click "Check For Updates" to begin.

Be sure to update all of your radios to the latest version. Your radios will only operate as expected when all radios are using the latest firmware.

**Learn More:** Visit the [PocketWizard Wiki](#) for more information on using your radios.

### New Key Feature:

#### **Faster Triggering - Introducing FAST Mode:**

The Plus III can be set to trigger more quickly which reduces flash clipping at or around X-sync for some cameras. Clipping appears as a black bar, or underexposed area, usually at the bottom of your image. It can happen with slower shutter cameras (1/200 X-sync cameras usually have slower shutters), combined with a longer duration flash. These timing factors, combined with the time it takes for the Plus III to transmit and receive, can cause clipping in some situations.

You can use either of these methods, or combine them, to speed up the Plus III triggering time and possibly eliminate flash clipping in your images:

**Method 1:** Tx ONLY Mode – Use the MODE button to set your on-camera radio to Tx ONLY Mode. This enables the Plus III to respond about 15% faster to triggers from the camera. This simple method may be all you need to eliminate clipping for most situations.

**Method 2:** FAST Mode - Set your receiving radio, connected to a flash, to FAST Mode. Like the MultiMAX®, the Plus III now has FAST Mode. This feature is only available on Channels 17 through 32, and trades the ability to set a specific zone for a faster trigger response time.

You need to engage FAST Mode on each receiving Plus III connected to a flash. Setting it on your on-camera radio will have no effect.

To engage FAST Mode:

1. Set each receiving Plus III to Channel 17 or higher.
2. Use the MODE button to set HSR (High Speed Receive) Mode. HSR Mode does not affect clipping by itself (it is for faster FPS (Frames Per Second)), but is required for FAST Mode.
3. Turn off all zones by pressing the letters A, B, C, or D until no zone indicators are showing on the LCD. The channel indicator will change from CH to F to indicate you have entered FAST Mode.

### Other Improvements:

- The Status LED now represents battery level in a more intuitive manner. In addition to color, the number of blinks will help verify battery level. Battery level is based on using standard alkaline batteries. Other battery chemistries will work in the Plus III, but their level may not be reported accurately.

			> 1/2
1 Green blink =	More than 50% remaining		< 1/2
2 Amber blinks =	Less than 50% remaining		< 1/4
3 Red blinks =	Less than 25% remaining		

- Improved half-press operation when engaging pre-release from a MultiMAX. When you toggle a MultiMAX Zone ON, a Plus III receiving on the same channel and zone will remain half-pressed just like a receiving MultiMAX.

- Improved an infrequent power-on issue where the LCD backlight would turn on, but not the LCD itself.

- Corrected a situation that only affected a few flash models where remote triggering might stop on a receiving radio when set on a Quad-Triggering channel (17 – 32).