August 16, 2010

Owner's Manual: Addendum 5.150
MiniTT1®/ FlexTT5® for Canon
with AC3 ZoneController Compatibility

MiniTT1 Firmware Upgrade to version 5.150
FlexTT5 Firmware Upgrade to version 5.150

340.00 - 354.00 MHz, FCC/IC

433.42 - 434.42 MHz, CE

NOTE:
We recently released the latest official ControlTL® firmware, version 5.10. Based on continued internal testing and feedback from users, it appears that a couple of the exposure and timing data tables became corrupted somewhere in the process. We've had reports of improper exposures with several camera models as well as clipping with the 1Ds Mark III and 1D Mark IV. We have corrected the tables and reloaded the firmware as version 5.150, which can be downloaded via the PocketWizard Utility.

We recommend upgrading to 5.150 as soon as you can for proper functionality of your MiniTT1 and FlexTT5 for Canon.

5.150 Overview

ControlTL Firmware Version 5.150, the current firmware upgrade for the MiniTT1 Transmitter and FlexTT5 Transceiver for Canon, now offers compatibility with the AC3 ZoneController. The AC3 ZoneController for Canon gives the photographer control over three independent zones of light, whether working in E-TTL or Manual mode, directly from the camera's position.

This new firmware also adds compatibility with the Canon Rebel T2i and compatibility with the Canon 7D and 1D Mark IV has been expanded.

IMPORTANT:

Always perform a factory reset after updating your firmware. And be sure to write down any custom settings for Configuration 1 or Configuration 2 before you reset your radios so you can re-apply them after the upgrade. See RESET B on page 28 in the original Owner's Manual or simply hold TEST as you power on for 10 seconds until you see 4 blinks (green).

When upgrading your radios, be sure to upgrade all MiniTT1's and FlexTT5's to v5.150, because your radios will only operate as expected when all units are using the latest firmware.

Compatibility:

- Added MiniTT1 and FlexTT5 for Canon compatibility with the AC3 ZoneController for Canon.
    - For more information on this new PocketWizard accessory, please go to:
      www.PocketWizard.com/products/transmitter_receiver/ac3zonecontroller/

- Added compatibility with the Canon Rebel T2i.
    - See operational note below on specific issue at some HSS shutter speeds.

- Canon 7D compatibility expanded.
    - See operational note below on specific issue with 17-55 EF-S lens.

- 1D Mark IV compatibility expanded.
    - See operational note below on specific issue at some HSS shutter speeds.

Bug Fixes / Refinements:

- Older Speedlites like the 550EX and 420EX will now trigger from a transmitter's TEST button.

- The FlexTT5 now triggers remote cameras set to 1/400th or faster.

- Rear Curtain Sync clipping has been vastly reduced for many cameras and RCS shutter speeds.

- Pre-Flash Boost Mode no longer under exposes for the on-camera flash when Force TTL
  Master Mode is enabled (as it is by default).

- Radio signal timing has been further optimized for reliability.

- Improved error correction around pre-flash data.

- Several other minor bugs related to camera communication have also been corrected.

Utility Refinements:

- In the Utility, "Rx" was changed to "Receive" and "Tx" was changed to "Transmit" for more clarity
  when selecting channels.

- Removed G9 and G10 from camera selection in the Utility. These cameras, as well as the G11, are
  supported in Basic Trigger Mode only.

- New control on Exposure tab allows remote flashes to ignore any changes from the camera. This
  allows another camera to be in control of the flash.

Operational Notes:

Canon Rebel T2i:

- Canon T2i has banding or clipping issues at some HSS shutter speeds. As you increase the shutter speed beyond 1/640th, banding will increase.

Canon 7D:

- Canon 7D has an operational consideration with the 17-55 EF-S lens. If there's a Speedlite in Master Mode or a ST-E2 in the top shoe of an on-camera MiniTT1 or FlexTT5; the camera is set to a shutter speed between 1/100th and 1/400th; and the lens is set to a small aperture (such as f22), you will get banding, black frames, and occasional blowouts.

1D Mark IV:

- For best operation with the Canon 1D Mark IV in HSS mode, make sure its Camera Model is selected in the Utility under the Misc Tab and use a shutter speed of 1/1600th or less for the calibration shot. However, you may still experience banding at shutter speeds of 1/2000th or higher in HSS mode.