Firmware Release Bulletin

August 24th, 2017

ControlTL® FlexTT6® Canon Firmware
Firmware Version: 7.003

Intro: Firmware Version 7.003 addresses some improvements we have made since the launch of ControlTL Firmware version 7.000.

IMPORTANT: This firmware upgrade requires the PocketWizard Utility. Upgrade to the latest Utility first, then upgrade your radios' firmware. When updating firmware, be sure to update <u>all</u> of your radios to the latest version. Your radios will only operate as expected when all units are using the latest firmware.

Note: Previously used settings or saved profiles may not be automatically reloaded after installing new firmware. Make sure to record any important settings before upgrading.

<u>Factory Reset</u>: After updating your firmware, always perform a "hard" factory reset with the radio: See RESET B here, or simply hold TEST <u>before</u> you power on your radio and continue to hold TEST for 15 seconds until you see 4 green blinks. While the PocketWizard Utility performs a "soft" factory reset automatically, and has a Factory Reset button on the Update tab, the Reset B or "hard" reset is the recommended method.

<u>Learn More:</u>

Visit the PocketWizard Wiki for more information on using your radios.

New Key Feature:

Compatibility with a new Canon camera:

The following Canon gear is now supported in this release:

- **Canon EOS 6D Mark II**

This camera will work in the ControlTL® system with normal operational considerations. Read more about the general Canon Operational Considerations on the PocketWizard Wiki.

Note:

> The 6D Mark II needs to be selected in the PocketWizard Utility to utilize the correct timings.
>
> If your camera is listed in the table below, you can leave Camera Selection at its default setting of "Auto."

Auto-detected Canon Cameras			
1D X Mark II 1D Mark III	5D Mark IV 5D Mark III 5D Mark II 6D 7D Mark II 7D	80D 70D 30D	Rebel T6 (1300D)

> If your camera is not listed here, then you need to select your model to get the correct timings for your camera.
>
> For best results with any Canon camera, manually select your camera model on the transmitting radio. Even if your camera is auto-detectable, you may find that things work better if you select its model. "Auto" allows changing cameras without the PocketWizard Utility, and works well for most photographic situations. Selecting your model uses finer tuned settings. If you are experiencing issues using "Auto" (most won't), like seeing 3 red blinks on your transmitter during a calibration shot, try selecting your model.

IMPORTANT: If you are using FlexTT5 (five) radios as receivers for your FlexTT6 (six), be sure to update the firmware in the FlexTT5 to version 6.905 or later. When updating firmware, be sure to update <u>all</u> of your radios to the latest version. Your radios will only operate as expected when all units are using the latest firmware.

Other Improvements:

- As of this date, the latest camera firmware from Canon has been tested, including:

  o 1D X Mark II - 1.1.3
  o 1D X – 2.0.9
  o 5D Mark IV – 1.0.4
  o 5D Mark III – 1.3.4
  o 6D – 1.1.7
  o 7D Mark II – 1.1.2
  o 7D – 2.0.6
  o 80D – 1.0.2
  o T6 – 1.1.0
  o SL1 – 1.0.1
  o Etc.

Please make sure to update your camera to the latest firmware.

Radio Compatibility:

PocketWizard ControlTL radios like the MiniTT1, FlexTT5, and the new FlexTT6 for Canon are compatible with a broad range of Canon gear. Find your gear in the tables at the end of these release notes.

Learn more here: MiniTT1 and FlexTT5 Compatibility

FlexTT6 Compatibility

Long Range Performance

Which radio can go on which camera:

Camera	MiniTT1	FlexTT5	FlexTT6
1D X Mark II	–	–	√
1D X	√	√	√
1D Mark IV	√	√	√
1Ds Mark III	√	√	√ *
1D Mark III	√	√	√ *
1Ds Mark II	√	√	√ *
1D Mark II N	√	√	√ *
1D Mark II	√	√	√ *

Camera	MiniTT1	FlexTT5	FlexTT6
Rebel SL2 (200D)	–	–	**
Rebel SL1 (100D)	√	√	√ *
Rebel T7i (800D)	–	–	√
Rebel T6 (1300D)	–	–	√
Rebel T6s (760D)	**	**	**
Rebel T6i (750D)	**	**	**
Rebel T5i (700D)	√	√	√ *
Rebel T5 (1200D)	√	√	√ *
Rebel T4i (650D)	√	√	√ *
Rebel T3i (600D)	√	√	√ *
Rebel T3 (1100D)	√	√	√ *
Rebel T2i (550D)	√	√	√ *
Rebel T1i (500D)	√	√	√ *
Rebel XSi (450D)	√	√	√ *
Rebel XTi (400D)	√	√	√ *
Rebel XT (350D)	√	√	√ *
Rebel XS (1000D)	√	√	√ *

Camera	MiniTT1	FlexTT5	FlexTT6
5D Mark IV	–	–	√
5DS/R	√	√	√
5D Mark III	√	√	√
5D Mark II	√	√	√
5D	√	√	√ *

Camera	MiniTT1	FlexTT5	FlexTT6
6D Mark II	–	–	√
6D	√	√	√
7D Mark II	√	√	√
7D	√	√	√ *

Camera	MiniTT1	FlexTT5	FlexTT6
80D	–	–	√
77D	–	–	√
70D	√	√	√
60D	√	√	√ *
50D	√	√	√ *
40D	√	√	√ *
30D	√	√	√ *
20D	√	√	√ *

√ = Full compatibility

√ * = Full compatibility expected (should just work), formal testing TBD

** = Potentially compatible, select similar camera model in Utility

Which Speedlite can go on which radio for <u>ON-CAMERA/MASTER</u> flash:

Speedlite	MiniTT1	FlexTT5	FlexTT6
600EX II-RT	√	√	√
600EX-RT	√	√	√
580EX II	√	√	√
580EX	√	√	√
550EX	√	√	√ *
430EX III-RT	√	√	√
430EX II	√	√	√
430EX	√	√	√ *
420EX	√	√	√ *
320EX	√	√	√ *
270EX II	√	√	√ *
270EX	√	√	√ *
220EX	–	–	–
ST-E2	√	√	√
ST-E3-RT	√	√	√

Which Speedlite can go on which radio for <u>REMOTE</u> flash:

Speedlite	FlexTT5	FlexTT6
600EX II-RT	√	√
600EX-RT	√	√
580EX II	√ !	√ !
580EX	√ !	√ !
550EX	√	√ *
430EX III-RT	√ !!	√ !!
430EX II	√	√
430EX	√ !!	√ * !!
420EX	√	√ *
320EX	√	√ *
270EX II	√ !!	√ * !!
270EX	√ !	√ * !
220EX	√	√ *

√ = Full compatibility

√ * = Full compatibility expected (should just work), formal testing TBD

! = Potentially range limited due to RF interference from speedlite

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