



MiniTT1[®]/FlexTT5[®] for Canon Firmware 6.905 Release Notes

Firmware Release Bulletin

June 8th, 2017

ControlTL[®] MiniTT1[®] / FlexTT5[®] Canon Firmware

Firmware Version: 6.905

Intro: Firmware Version 6.905 addresses some improvements we have made since the launch of ControlTL Firmware version 6.900.

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 all 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.

Factory Reset: After updating your firmware, always perform a "hard" factory reset with the radio: See RESET B [here](#), or simply hold TEST before 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.

Learn More:

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



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New Key Feature:

Compatibility with the FlexTT6:

This firmware is required to make the MiniTT1 and FlexTT5 compatible with the FlexTT6 for Canon.

If you have a newer model Canon camera like the 1D X Mark II, 5D Mark IV, 6D Mark II, 80D, 77D, or T7i, just add a FlexTT6 to your kit to go on that camera and continue to use your existing FlexTT5 radios with your Speedlites.

The FlexTT6 is forward, backward and cross-compatible with the entire PocketWizard family of wireless radios. This includes compatibility with the FlexTT5 as a receiving radio, as well as the complete line of Plus, MultiMAX, MiniTT1, AC3 ZoneController and other ControlTL gear. A FlexTT6 also works as a receiver with a MiniTT1 or FlexTT5 in the transmitter position on older Canon cameras.

The newer crop of Canon cameras required an under-the-hood electronic hardware change which exists exclusively in the FlexTT6. Your existing FlexTT5 radios can still work in the system just fine as a receiving radio with any Canon E-TTL Speedlite for HSS, TTL, and power control. Your existing FlexTT5 radios can also be used as receivers to trigger virtually any studio flash via the sync port. Your MiniTT1 can be used as a transmitter for any older camera bodies you may still have in your camera bag. If you have an AC3 ZoneController or AC9 AlienBees Adapter, it'll work just fine with your FlexTT6 as will PocketWizard-compatible Sekonic light meters.

Learn more here:

<http://wiki.pocketwizard.com/index.php?title=FlexTT6>

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 all 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 - [2.0.9](#)
 - 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 SL1 - [1.0.1](#)
 - o [Etc.](#)

Please make sure to [update your camera](#) to the latest firmware.

If your camera is listed in the table below, you can leave Camera Selection in your MiniTT1/FlexTT5 at its default setting of "Auto."

<i>Auto-detected Canon Cameras</i>			
1D X	5DS/R	70D	Rebel T5 (1200D)
1D Mark III	5D Mark III	30D	
	5D Mark II		
	5D		
	6D		
	7D Mark II		
	7D		

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.

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](#)

MiniTT1®/FlexTT5® for Canon Firmware 6.905 Release Notes

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	√	√	√ *

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	√	√	√ *

6D Mark II	-	-	√
6D	√	√	√
7D Mark II	√	√	√
7D	√	√	√ *

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

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Which Speedlite can go on which radio for ON-CAMERA/MASTER 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 REMOTE 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

!! = Range limited due to RF interference from speedlite