

September 1, 2011

Firmware Release Notes

PowerST4 Receiver for Elinchrom

PowerST4 Firmware Upgrade to version 5.100

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

PowerST4 ControlTL® Firmware 5.100 Overview

PowerST4 ControlTL firmware version 5.100 addresses some improvements we have made since the launch of PowerST4 ControlTL firmware version 5.000.

IMPORTANT:

When updating firmware, be sure to update all of your PowerST4 radios to the latest version, 5.100. Your radios will only operate as expected when all units are using the latest firmware.

Note: Previously used settings or saved profiles cannot be automatically reloaded after installing the new 5.100 firmware. Make sure to copy down any important settings before loading the firmware because the PocketWizard Utility will perform a factory reset once the installation is complete.

PocketWizard Utility and Factory Reset Note: Always perform a factory reset after updating your firmware. The PocketWizard Utility performs a factory reset automatically when you upgrade the firmware. It also has a Factory Reset button on the Update tab which additionally simplifies factory reset. You can also perform a Factory Reset with the radio: See RESET B, in the Wiki manual, wiki.pocketwizard.com/reset, or simply hold TEST before you power on your radio and continue to hold TEST for 10 seconds until you see 4 blinks (green).

New Key Feature:

HyperSync™ Automation

HyperSync™ Automation

A number of enhancements have been made to HyperSync with the MiniTT1 and FlexTT5 for Canon and Nikon. These changes can improve the performance of HyperSync and make it easier to configure.

The transmitting or on-camera MiniTT1 or FlexTT5 automatically adjusts HyperSync to compensate for changes made to shutter speed. You can refine HyperSync further via the PocketWizard Utility.

The receiving PowerST4 can additionally compensate for shutter speed and flash power level, automatically making adjustments to achieve the fastest possible sync speed for supported configurations. Some configurations require adjustments via the PocketWizard Utility.

More information about configuring the transmitting MiniTT1 or FlexTT5 radios for automated HyperSync operation can be found in the respective Canon and Nikon beta firmware update documents.

You can read more about how HyperSync works on our wiki page here:
<http://wiki.pocketwizard.com/hypersync>

Using HyperSync Automation with the PowerST4:

Attach the transmitting MiniTT1 or FlexTT5 to your camera. Connect the receiving PowerST4 to the flash and take pictures normally. HyperSync Automation will be used for all shutter speeds up to 1/8000th.

With a PowerST4 connected to a Ranger RX series or Digital 1200RX/2400RX pack, choose the Elinchrom flash head in use under the Misc Tab in the PocketWizard Utility. This control is set specifically on the receiving PowerST4. The Ranger S head will offer better HyperSync performance than the A head due to its longer flash duration.

As of this firmware release, HyperSync Automation is currently implemented for the following Elinchrom flashes:

- Elinchrom Style 300RX
- Elinchrom Style 600RX
- Elinchrom Style 1200RX
- Elinchrom Digital 2400RX with Digital SE Head
- Elinchrom Digital 2400RX with A6000 Head
- Elinchrom Digital 2400RX with A3000 Head
- Elinchrom Digital 2400RX with Mini A Head
- Elinchrom Digital 2400RX with Mini S Head
- Elinchrom Digital 2400RX with Digital S Head
- Elinchrom Digital 1200RX with Digital SE Head
- Elinchrom Digital 1200RX with A6000 Head
- Elinchrom Digital 1200RX with A3000 Head
- Elinchrom Digital 1200RX with Mini A Head
- Elinchrom Digital 1200RX with Mini S Head
- Elinchrom Digital 1200RX with Digital S Head
- Elinchrom Ranger RX with Ranger A Head
- Elinchrom Ranger RX with Ranger S Head
- Elinchrom Ranger RX Speed with Ranger A Head
- Elinchrom Ranger RX Speed with Ranger S Head

If your flash is using a flash head not listed above, try selecting a flash head of a similar power level.

Note: Make sure to install the latest beta firmware on the transmitting MiniTT1 or FlexTT5 (6.000 for Canon and 3.000 for Nikon) for the PowerST4 to function properly.

Operational Notes:

- HyperSync automation functionality introduced for most compatible Elinchrom flashes.
- Feature enhancements for use with PocketWizard Utility 1.35.
- Improved timing when Rear Curtain Sync is enabled.
- Fixed a PocketWizard Utility channel display bug.

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This product is covered under a warranty. For more information on this warranty and to register your product, please go to www.PocketWizard.com/support.

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