

X-TTL

TTL without Boundaries! Cactus launches FREE firmware upgrades on the V6 II and V6 IIs to support wireless cross-brand TTL.

Hong Kong, March 24, 2017 – Just nine months since the release of the Cactus V6 II and Cactus V6 IIs, Cactus is now launching a series of brand-specific firmware upgrades to transform the cross-brand HSS flash triggers to one that also supports **cross-brand wireless TTL**.

The new X-TTL firmware versions, apart from supporting cross-brand high-speed sync (HSS/FP), remote power and zoom control of Canon, Fujifilm, Nikon, Olympus, Panasonic, Pentax and Sigma flashes all at the same time¹, **NOW support automatic TTL exposure** in the same cross-brand environment, both on-camera and off-camera.²

The first wave of firmware releases will be for **Sigma, Sony and Fujifilm**. Other camera systems, Canon, Nikon, Olympus, Panasonic and Pentax, will follow one by one as we complete system integration on the V6 II. All these X-TTL firmware versions are **free of charge** for V6 II / V6 IIs users. The new firmware is **system-specific** so users simply choose the corresponding system when updating with the Cactus Firmware Updater. Once installed, the V6 II / V6 IIs is transformed into a cross-brand wireless TTL flash trigger.

This unique function gives photographers an unprecedented flexibility. The need for matching flashes with the same camera system for on and off-camera TTL flash photography is over – TTL without boundaries.



Cross-brand TTL

The X-TTL firmware allows users to have **wireless TTL automatic exposure** with camera and flash that runs on the same system, such as a Canon camera triggering a Canon flash, and one that runs on different systems, such as a Sigma camera triggering a Nikon system flash.

Similar to the cross-brand HSS firmware on the V6 II, the supported flash systems for wireless cross-brand TTL include Canon, Nikon, Olympus, Panasonic, and flash that runs on the same camera system.

Two unique Exposure Locks

Cactus is unveiling a brand new approach in using TTL metering. Over the past, professionals who love the convenience from TTL metering often have to suffer inconsistency in lighting outputs, making post processing a pain. In view of this Cactus devised two types of Exposure Locks.

1. **Flash Compensate**: Store a desired flash exposure that will automatically adjust according to changes in camera settings. Gone is the ever-changing flash exposures between each TTL metering.
2. **Flash Power Lock**: Lock flash power output after a desired TTL exposure is achieved. Perfect for consistency in repeat shooting.

Wireless TTL functions

The X-TTL firmware will also support advanced TTL functions on the Cactus V6 II and V6 IIs, such as first and second (rear) curtain sync, on-camera TTL, group TTL metering and TTL lighting ratios³.

New support for Sigma

We are delighted to offer firmware support for Sigma cameras and flashes. This includes remote power control, remote zoom control, wireless High-speed Sync, and wireless TTL with Sigma's SA-TTL flashes. The same cross-brand support is also available on the Sigma X-TTL firmware.

Cactus expresses appreciation to SIGMA CORPORATION for their immense support in our development for Sigma system firmware.

Fujifilm TTL and HSS

With the introduction of Fujifilm new flash system launched on the EF-X500, High-speed Sync (HSS/FP) is finally available. Besides adopting the new HSS platform, the upcoming Fujifilm X-TTL firmware also extends support for wireless TTL to Fujifilm flashes as well as Canon, Nikon, Olympus, and Panasonic flashes. Fujifilm X-TTL Firmware release date will be announced on our website.

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V6 IIs with Sony TTL

Existing Sony V6 IIs users already has a system-specific transceiver unit, and the upcoming Sony X-TTL firmware adds wireless TTL support for Sony flashes and other system flashes when paired with the Cactus V6 II. Sony X-TTL Firmware release date will be announced on our website.

Features at a glance

1. **Cross-brand wireless manual power and zoom control** with HSS/FP support of Canon, Fujifilm, Nikon, Olympus, Panasonic, Pentax and Sony flashes;²
2. **Cross-brand wireless TTL** of Canon, Fujifilm, Nikon, Olympus, Panasonic, Pentax, Sigma and Sony flashes;²
3. **Cross-brand group TTL metering** is extended to use in a cross-brand setup;³
4. **TTL Ratios** output adjustments can be done directly on the V6 II (TX);³
5. **Two Exposure Locks** offer consistency with the convenience of wireless TTL.
6. **Works seamlessly with Cactus RF60X** to support HSS, TTL, remote power and zoom control.

Price and Availability

System-specific X-TTL firmware versions are **free of charge**. Download the Cactus Firmware Updater⁴ and select the corresponding system firmware to install the X-TTL firmware on the Cactus V6 II and V6 IIs.

After launching the initial three systems, i.e., Sigma, Fujifilm and Sony, Cactus will continue to launch X-TTL firmware for the remaining camera systems. Stay up to date for the latest releases on X-TTL's microsite: <https://www.cactus-image.com/special/X-TTL/>

About Cactus

Headquarter in Hong Kong, Cactus designs and engineers professional wireless photographic lighting equipment - wireless flash triggers, wireless portable flash, laser trigger, and other lighting and camera accessories in our Hong Kong studio. Cactus is a global brand with distributors and dealers throughout the world.

¹ With the exception of Pentax and Sony system flashes due to special timing requirements so they must be paired with a Pentax and Sony camera respectively in order to support HSS.

² Only Canon, Nikon, Olympus and Panasonic system flashes support cross-brand TTL.

³ This function may not be supported on all the camera systems.

⁴ Cactus Firmware Updater version 3.01 or later will better facilitate firmware selection. To be released soon!