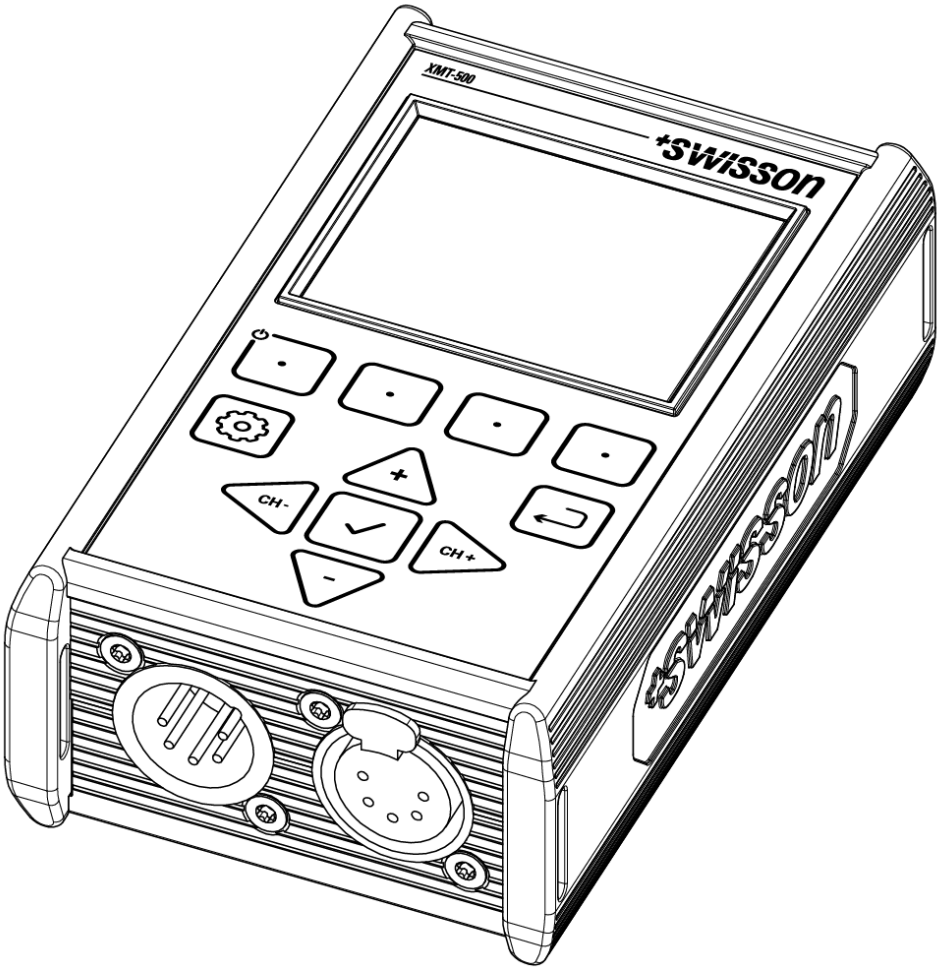
XMT-500
DMX Tester & RDM / Ethernet Controller
Firmware Update



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Requirements

- PC running Windows Vista or later.
- USB-C cable (receptacle depends on the connections of your PC).
- Internet connection or pre-downloaded copy of the Swisson *Firmware Update Tool* installer.

Installing the Firmware Update Tool

After downloading the installer of the Swisson Firmware Update Tool from the product's web page on the Swisson website, execute the installer and follow the instructions. Make sure that both, the driver and the Firmware Update Tool are selected when the installer asks you to select the components to install. The Firmware Update Tool on the product's web page contains the latest firmware for the XMT-500.

Updating the Firmware

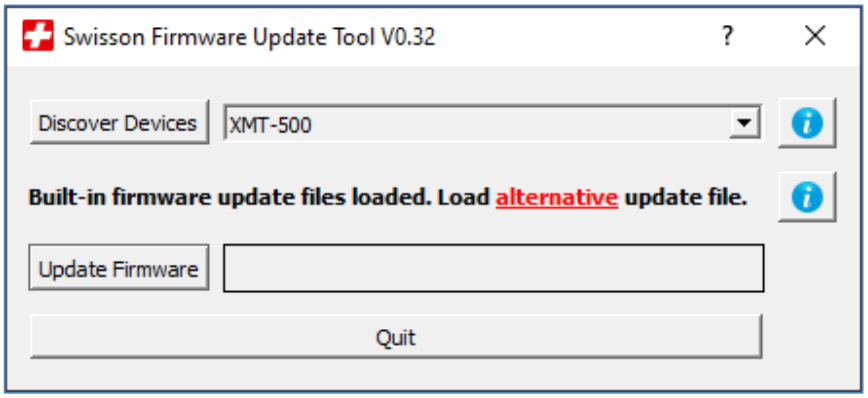
You can update the firmware both from the bootloader as well as from the old firmware using USB. This section covers updating the new firmware from the old firmware. See below for instructions on how to update from the bootloader.

Make sure your XMT-500 is running and connected to the PC using a USB-C cable.

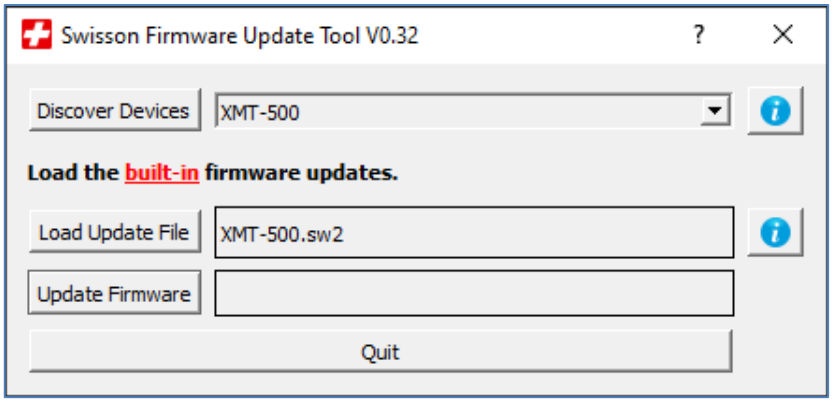
Launch the Swisson *Firmware Update Tool.* If the drop-down box next to the "Discover Devices" button is empty, hit the "Discover Devices" button. Use the drop-down box to select your XMT-500. If the device is not visible check your USB connection. Press the "Update Firmware" button and wait for the progress bar to reach 100%. The XMT-500 will now perform a restart. After a few seconds, a loading bar "Copying Firmware" appears. The process is finished, as soon the loading bar disappears.

Using an Alternative Firmware

If you wish to install a different firmware image than the one included with the Swisson *Firmware Update Tool*, you may do so by clicking "alternative". This is the red, underlined text which is also shown in the screenshot below.



Now you may click the "Load Update File" button and select the firmware image that you would like to install on your XMT-500. The firmware update image is a file ending in ".sw2".



Use the “Update Firmware” button to proceed with the firmware update.

Firmware Update from the Bootloader

This section covers how to get into the bootloader, allowing recovery from an invalid or missing firmware.

Make sure the XMT-500 is powered down and not connected to anything. Press and hold down the [Back] key, then connect the XMT-500 to your computer using a USB-C cable. The XMT-500 should launch directly into the bootloader, recognizable by the message “Booting Interrupted” on top. You can let go of the [Back] key after the message appears.

Now that you are setup in the bootloader, you can continue with the firmware update as described in the section “Updating the Firmware”.