

See <https://youtu.be/QGvGB-4bUWA> for a video demo of the update process.

This firmware update consists of two parts. You need to install both parts!

If you see a message about "firmware warning", it means you haven't installed both parts.

## SETUP

1. Copy the files **firmware.xvf** and **femu.bin** to the root directory of your SD card.
2. Insert the SD card into your Floppy Emu, connect the Emu to your computer, and turn it on.

### PART 1 (CPLD firmware):

1. Hold down the NEXT and PREV buttons.
2. Press and release the RESET button.
3. Continue holding NEXT and PREV until the firmware update process begins (about 3 seconds).
4. Wait 10-15 seconds for the process to complete. Status LED will be flashing.
5. When finished, the LCD will display "RESULT: SUCCESS"

At this point, you may see a "firmware warning" message. This is normal.

### PART 2 (AVR microcontroller firmware):

1. Hold down the SELECT and PREV buttons. **Note these are not the same buttons as for part 1.**
2. Press and release the RESET button.
3. Continue holding SELECT and PREV until the firmware update process begins (about 1 second).
4. Wait 5 seconds for the process to complete. Status LED will be flashing.
5. When finished, the LCD will display self-test information, and the main menu.

Confirm the new firmware version number is displayed on the self-test/info screen during startup.