



## Continuum™ System Software Update Instructions

Please read these instructions carefully and completely BEFORE attempting a system software update.

The first part of the procedure is to obtain the system software update images from the webpage and get them stored on a USB thumb drive for later use to update your Continuum™.

The second part of the procedure is to complete the actual update of the Continuum™ system. After completing the first part and creating a USB thumb drive for system updating, that USB thumb drive can be used to update multiple Continuums™. It is not necessary to create a new USB thumb drive for each Continuum™ in your facility.

### Part 1: Obtaining the System Software Update

1. Insert your USB thumb drive into a USB port on the computer.
2. Verify that the USB thumb drive is formatted to a supported format (refer to [Appendix A](#) at the end of this document for assistance). If the USB thumb drive is not formatted FAT or FAT32, you must format the drive before continuing (refer to [Appendix B](#) at the end of this document for assistance).
3. Verify that the USB thumb drive DOES NOT have any other software upgrade files on it.
4. Navigate to the [Continuum™ Software Updates](#) page on [MillerWelds.com](#)
5. Click the Download Software Updates tile to download the zip folder



6. Open the zip folder and extract or drag and drop all the installation files from the zip folder to the USB drive you will use to update the system. Ensure the files are not in a subfolder on the drive.
7. Unplug the USB drive from the PC and move on to "Part 2: Updating the Continuum™" instructions.



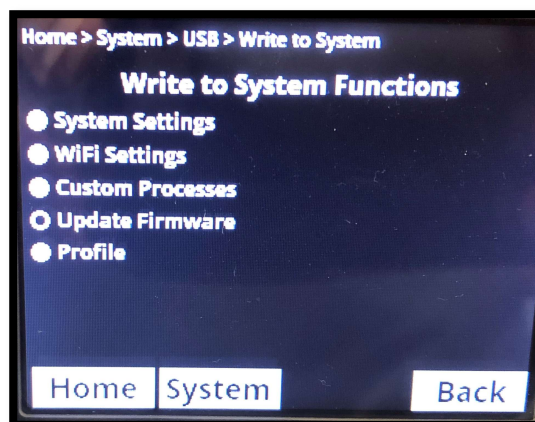
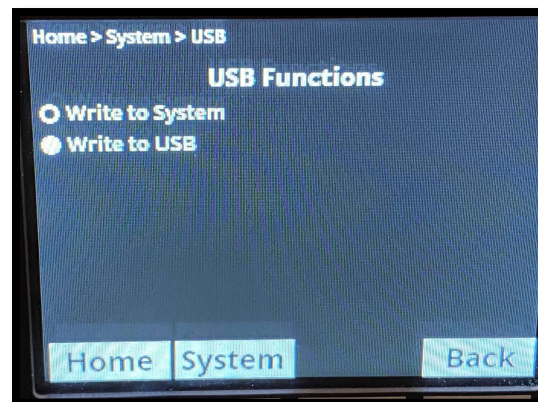
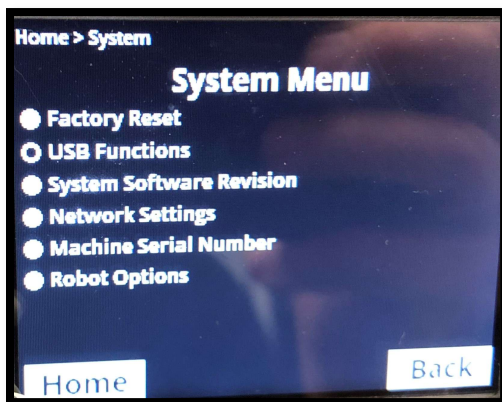
## Part 2: Updating the Continuum or Auto-Continuum system

### Preferred method

**Requirements:** The system software is at revision 273417J or later.

**USB Drive:** Sandisk brand, Max size: 64 GB

- This method is preferred for all Continuum and Auto Continuum systems after serial number MJ260631C
  - This method will retain all the system settings including the 8 active programs.
1. Start with the power on, system is on sitting idle, ready to weld
  2. Insert the USB Drive with the update files into the USB port on the front of the User Interface
    - a. Navigate the System Menu: System > USB Functions > Write to System > Update Firmware
  3. Press the button for Yes when prompted





4. After several minutes after the Transfer process remove the USB drive when prompted



5. The system will proceed with the LOAD APP process and continue until the update is finished with the new system software revision displayed for a few seconds and then display the normal voltage, wire speed, and program screen. This process should take about 20 minutes to complete.

The video example of the entire process can be found here: <https://youtu.be/kmG9c9miupg>



## Alternate method

**Requirements:** The system software is at revision **273417 H or earlier**, prior to serial number MJ260631C, or the age of the power source is several revisions different than the wire feeder or wire drive and ROI.

**USB Drive:** Sandisk brand, Max size: 64 GB

- This method is only used when the system will not start past the system boot stage, or the unit fails to update during the preferred method, or when directed by the factory technical service team at Miller Electric Mfg.
- This method will erase and default all the system settings including the 8 active programs to factory settings.
- Depending on the age of the equipment, it may take several attempts to install the updated system software successfully.

1. **Make sure the Continuum is completely powered down prior to updating the system.** Ensure the power light on the power source has become extinguished. **Starting a software update before the power light has extinguished can result in an incomplete update and potentially cause additional problems.**





2. Turn On the machine. The Continuum™ will automatically begin reading the USB thumb drive.
3. When prompted by the User Interface, select “YES” to update the system by pressing the button under the “YES” option.

**It is VERY important that the USB thumb drive be left in the system throughout the entire update. DO NOT touch the system until the update is complete (that includes not touching the USB thumb drive, gun, feeder, user interface, power source, knobs, buttons, or power switch). Any user interference with the update process may result in an inoperable machine.**

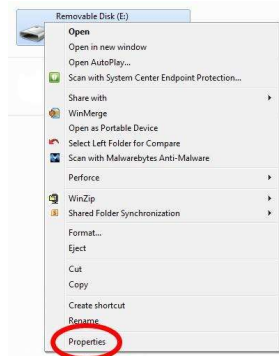


4. The Continuum system will proceed with updating itself. This process should take about 20 minutes. The system will restart updates three times during this process and will finish with the new system software revision displayed for a few seconds and then display the normal voltage, wire speed, and program screen.

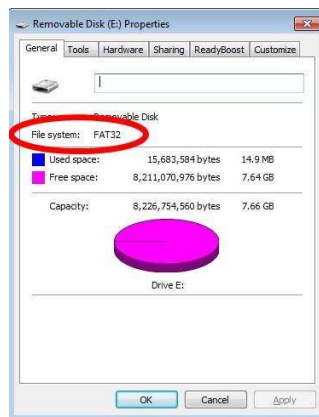


## Appendix A: Verifying USB thumb drive format

- Open My Computer and locate your USB thumb drive in the list of devices.
- Select your USB thumb drive by single clicking on it.
- Right click and select Properties



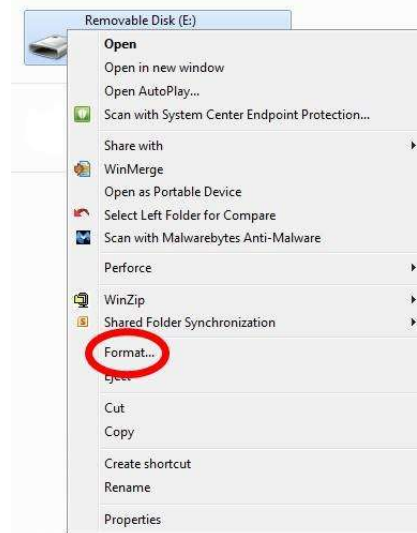
- In the properties window pop-up the "File System" type will be listed. This should read "FAT" or "FAT32".



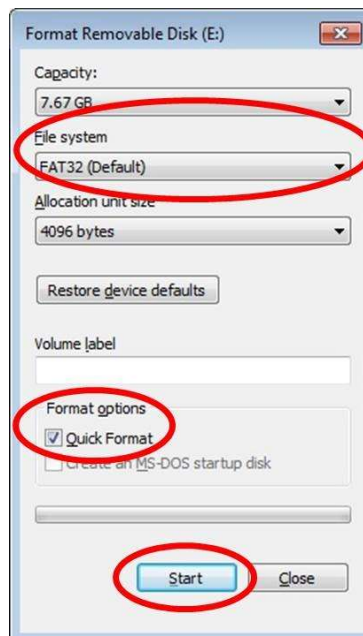


## Appendix B: Formatting a USB thumb drive

1. Formatting will delete any data on the USB thumb drive. Therefore, any data on the USB thumb drive that you wish to keep should be copied to the PC now.
2. Next, open My Computer and locate your USB thumb drive in the list of devices.
3. Select your USB thumb drive by single clicking on it.
4. Right click and select Format...

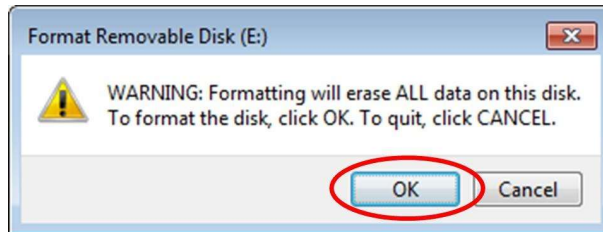


5. A format configuration menu will pop-up. In the "File system" drop down, select either "FAT" or "FAT32". Make sure the "Quick Format" box is checked. Then click the "Start" button to begin the process.





6. A warning will pop-up indicating that all data will be erased during the format. This is why we saved all the necessary data to the PC in the earlier step. Click "OK" and the format process will begin.



7. A window will pop-up and inform you when the format is complete. Click "OK" on the pop-up, then Click "Close" on the format configuration menu. The USB thumb drive is now properly formatted and ready to receive the Continuum™ System Update files.

