Asterion 1U/2U Display Firmware Updater Quickstart Guide

System requirements:

Operating System: Microsoft Windows® 7/8/8.1/10

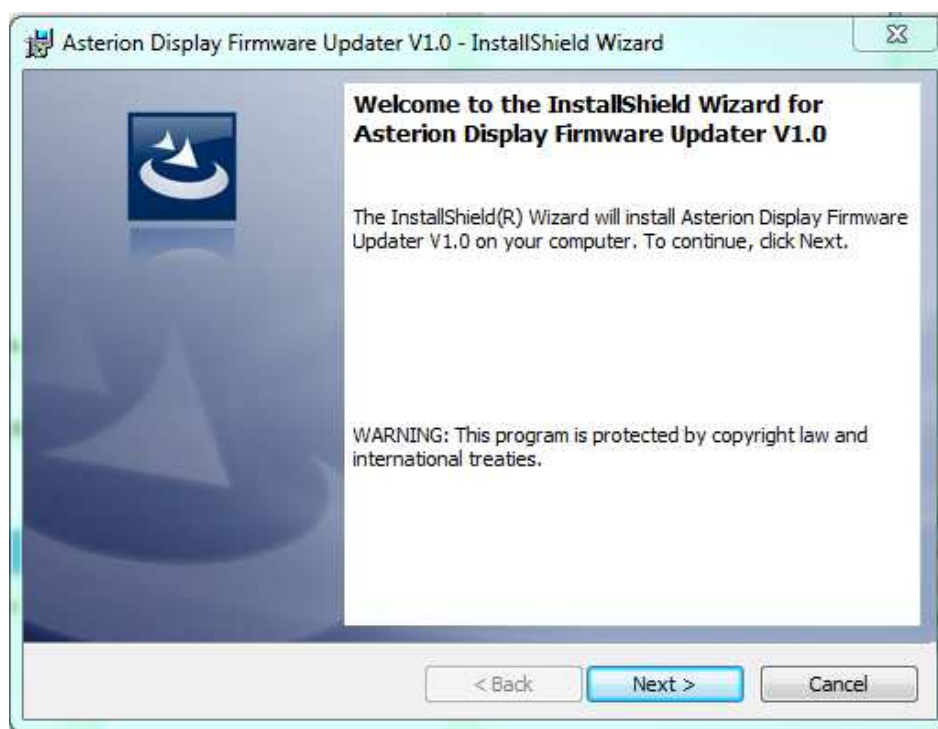**CPU:** Intel® Core™ i3 or higher

RAM: 4GB or higher

Connectivity: Serial RS232

IMPORTANT NOTES:

The Asterion Display Firmware Updater requires that the Asterion 1U/2U unit have Master Controller Firmware V1.111 or later to work properly. If you have an older version of firmware installed in your unit please update to the latest firmware using the Asterion Master Controller Flash Loader before proceeding with this guide.

The Asterion Master Controller Flash Loader and latest firmware can be found at our website http://www.programmablepower.com/ac-power-source/AsterionAC-1U/Downloads.htm

1. Run the Asterion Display Firmware Updater Installer. Follow onscreen prompts to Install.
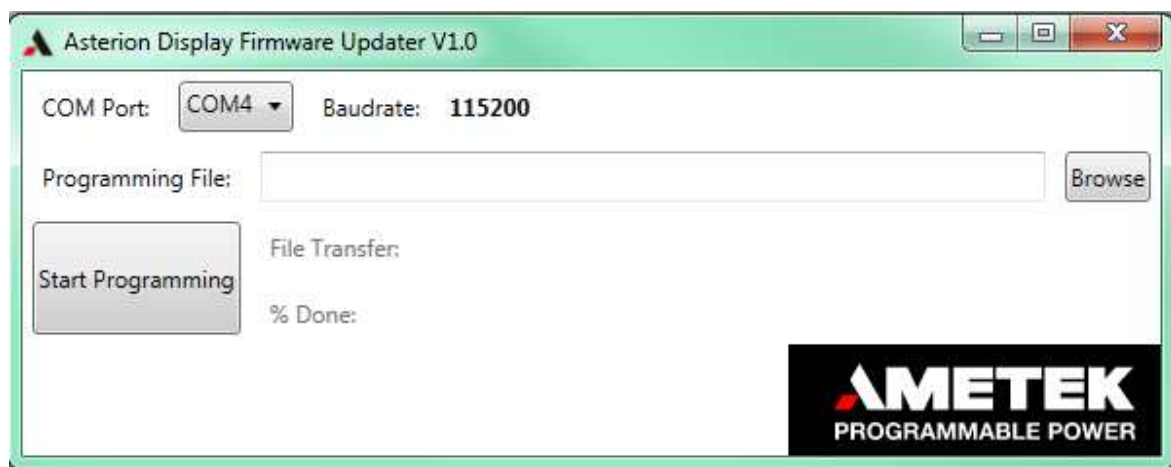
2. Connect USB to RS232 adapter from PC to RS232 connection on back of Asterion unit.

3. Turn on Asterion unit and set RS232 baudrate to 115200. This can be configured from the front panel display navigate to Control Interface, RS232 settings.

4. Open Asterion Display Firmware Updater GUI:
   a) Select the COM Port currently assigned to your USB to RS232 adapter.
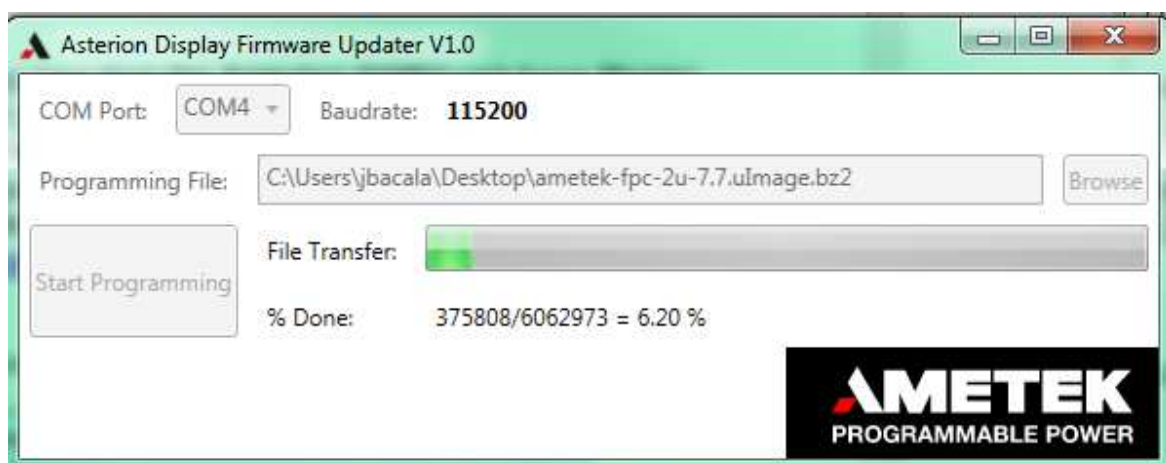   b) Click "Browse" and select the Asterion Display firmware to be downloaded.
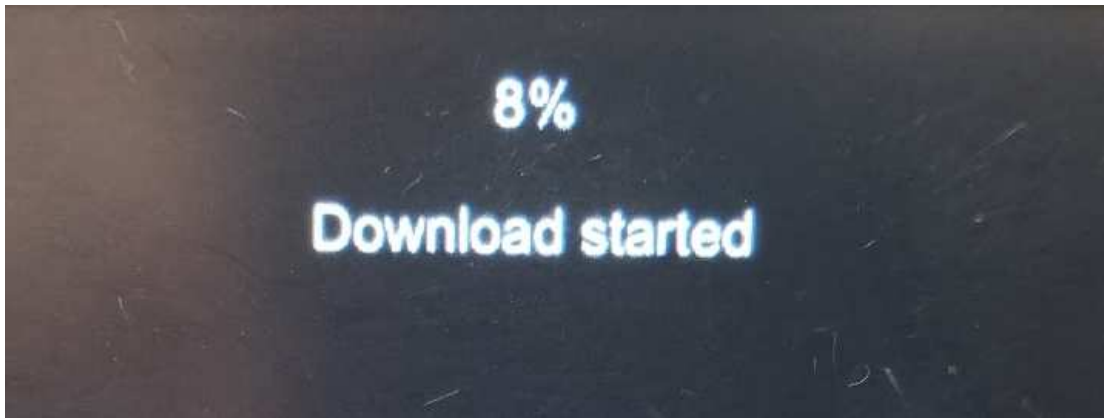   **IMPORTANT:**
   For 1U Asterion display firmware will be listed as the following "ametek-fpc-#.##.uImage.bz2".
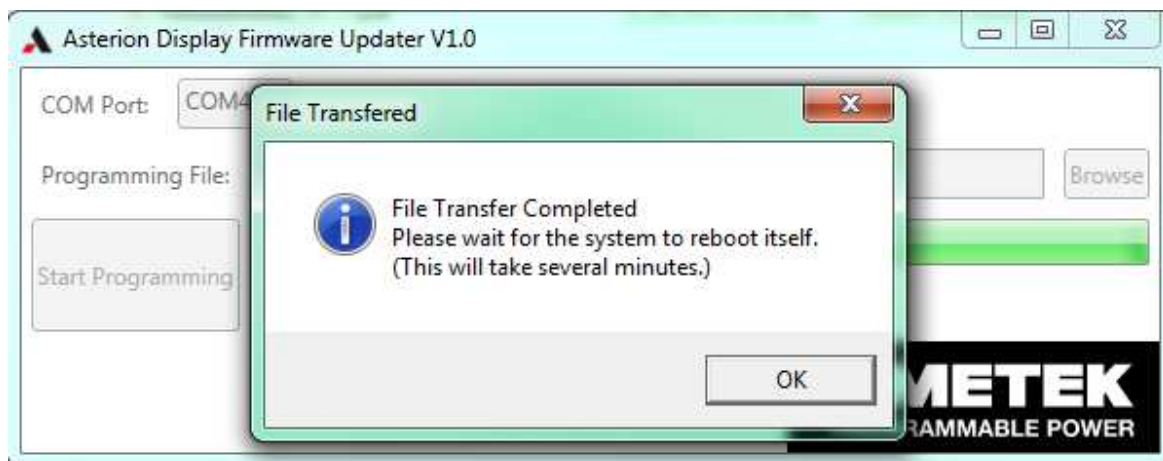   **For 2U Asterion display firmware will be listed as the following "ametek-fpc-2u-#.##.uImage.bz2".**

5. Turn on Asterion unit and wait for unit to boot into the main dashboard screen. Click "Start Programming". The file transfer will begin and the front panel display will show message that download has started. Download takes approximately 10 minutes to complete. See screenshots below.
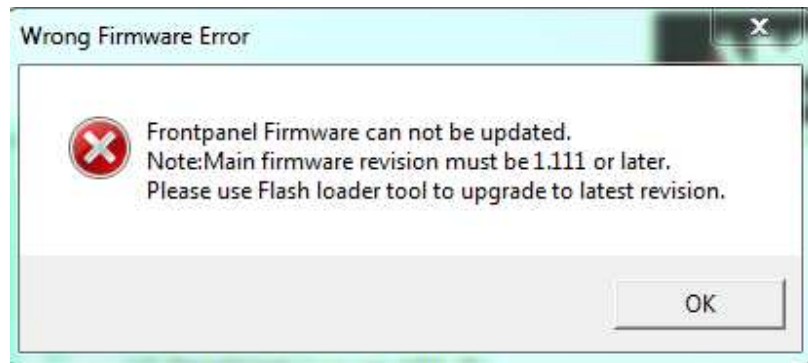
6. Once download has completed please wait several minutes for the front panel display to reboot back into the main dashboard screen. Update Complete.
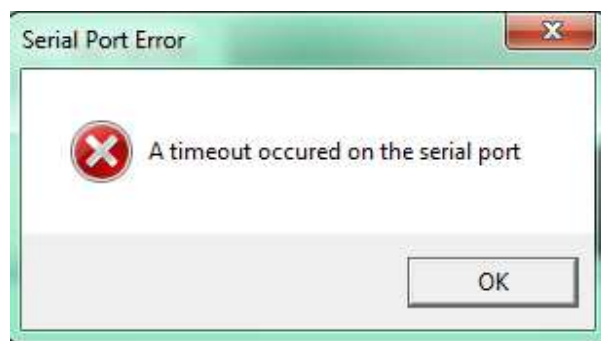
AMETEK
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Troubleshooting Tips

IMPORTANT NOTE IF ASTERION DISPLAY UPDATER FAILS DOWNLOAD:
If Asterion Display Updater Fails during download process. This likely means the Asterion unit has master controller firmware below V1.111. Download and install latest Asterion Master controller firmware (http://www.programmablepower.com/ac-power-source/AsterionAC-1U/Downloads.htm) and repeat download steps above.

If the follow error message "A timeout occurred on the serial port" appears during initial download process. Verify that the correct COM Port is selected and Asterion's RS232 baudrate is configured to 115200. This can be configured from the front panel display navigate to Control Interface, RS232 settings. If settings are correct power cycle Asterion unit, close and reopen Asterion Display Updater tool and repeat download steps above.

Technical Support for Asterion Display Firmware Updater

For technical support or to report bugs and feedback, please contact AMETEK Programmable Power at:

Email: ci.ppd@ametek.com

URL: http://www.programmablepower.com/support/support_CalInst.htm

Telephone: +1.858.450.0085

Updated: 28 December 2017