

IMPORTANT NOTES:

1. The “XG Flash Upgrade V3.1” utility tool is to be used with XG units that currently have firmware version V4.xx installed.
2. The “XG Flash Upgrade V3.1” is **NOT COMPATIBLE** with XG units with firmware version less than V4.xx.

WARNING:

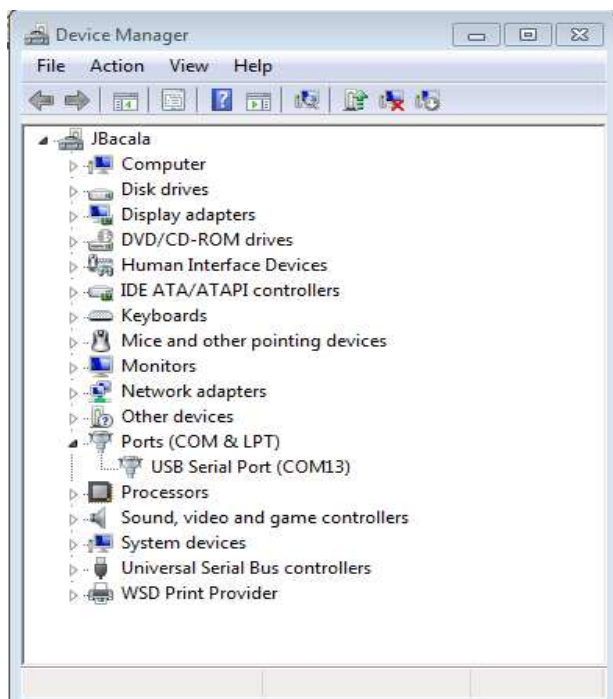
Do **NOT** attempt to upload HEX files other than the file provided with this updater utility. Doing so may cause damage to the unit requiring a factory repair.

Note that the v4.xx update is only for XG standard product and should **NOT** be loaded into an XG that has customer specific firmware modifications.

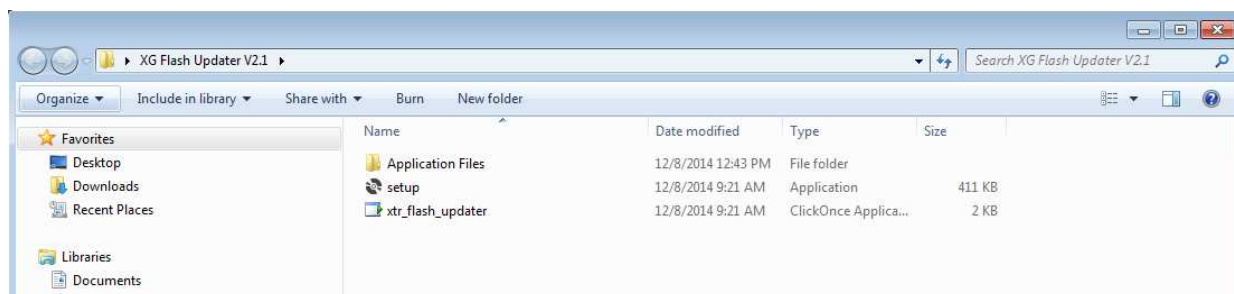
Firmware Update Procedure:

1. First power up the XG unit and select a remote interface. The upgrade can either be done through **USB** or **RS232**. If using USB, note that a virtual COM port may need to be configured on the PC. Please refer to the XG User Manual for USB instructions.





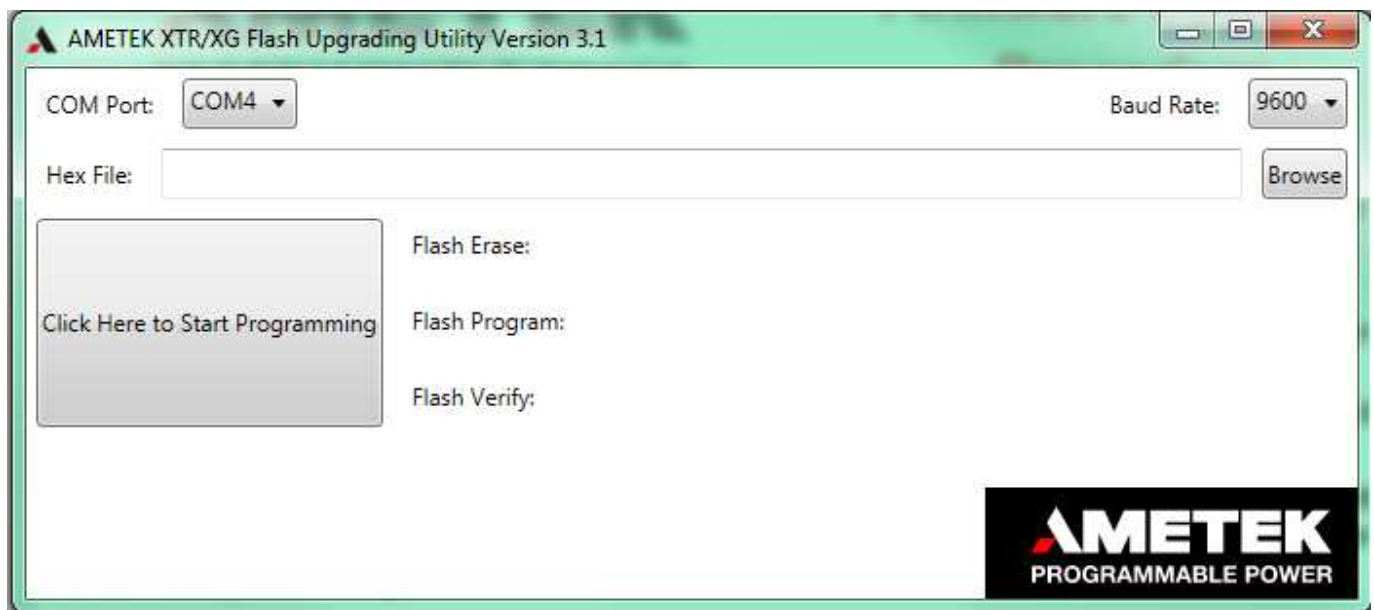
2. Open the "XG Flash Updater V3.1" folder and click "setup".



3. Click “Install” and follow the menu driven installation procedure.



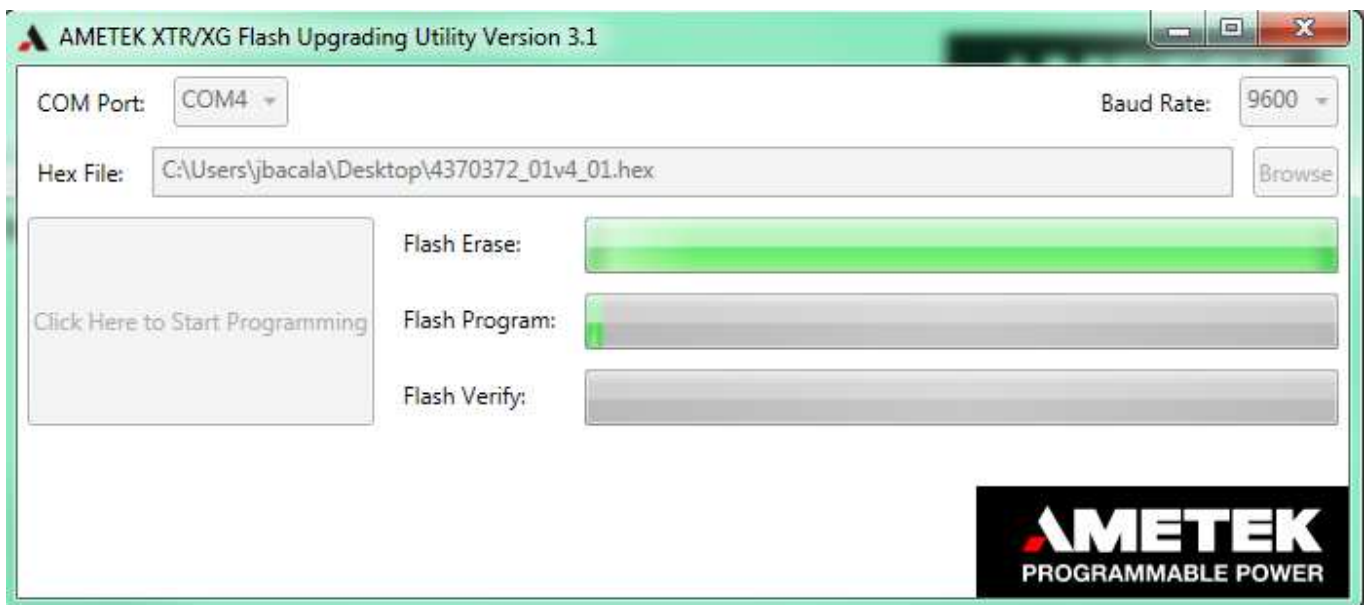
4. After the XG Flash Upgrade Utility V3.1 launches the Window shown below, it is important to verify that the baud rate is set to **9600**, and that the correct XG COM port is selected.



Firmware Upgrade Procedure

5. Next, click the “Browse” button select and open the appropriate HEX file required to update XG firmware.
6. Next, click the “Click Here to Start Programming” button to load the HEX file into the XG.
7. The download process will proceed. During the Hex load process, the front panel display will show “PROG FLA”.

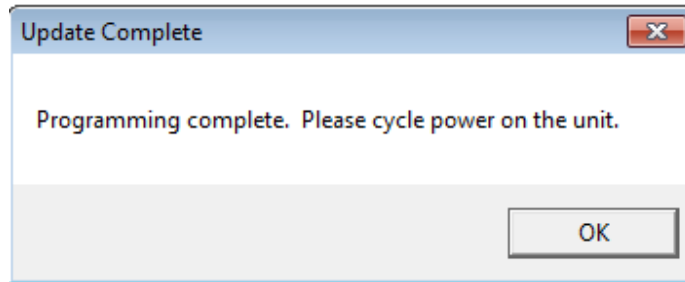
Note: A message “Attempting to connect. This may take up to a minute.” may appear at the bottom left hand corner of the window. This message will disappear once download process begins.



WARNING:

Do **NOT** interrupt the Hex load process.

8. The following message will appear after update has been completed. Power Cycle the unit. After unit is power cycled, the front panel will show “VER 4.xx” momentarily during the XG boot up sequence.



9. If the display shows the message “FLA FAIL”, then a soft reset will be required. This is performed by pressing and holding “MAIN” and “AUX” buttons from the front panel for a few seconds while the XG is powered up using the front panel power switch. When the soft reset command is recognized, then the XG will display “PSU CLR”.
10. Power cycle using the front panel power switch and verify that the XG powers up without showing the “FLA FAIL” message.
11. The firmware update procedure is now complete. Turn off the front panel power switch.
12. Disconnect the programming cable and close the XG Flash Upgrade Utility V3.1.
Update Complete