

XIP+ FIRMWARE UPDATE INSTRUCTIONS

Hook up a keyboard and monitor to the back of the controller.

Copy the controller program 'ctlappc' into the base directory of a USB stick.
Insert the USB stick in the back of the controller and wait for 2 lines to display (indicates USB stick is ready) – line should show [sdb] as the driver to mount.

Press enter to get the login prompt.

Login: root
Password: io-0001

After getting a prompt, enter the command
ps aux

This brings up a screen of data. On the right hand column look for /home/devuser/...
At the prompt, type 'kill xxxx' where xxxx is the number in the second column from the left in the /home/devuser/ line. This stops the controller program. Then at the prompt enter the following commands.

```
prompt: ls -al /mnt/pen  
prompt: mount /dev/sdb1 /mnt/pen  
prompt: cp -p /mnt/pen/ctlappc /home/devuser/io-0001/ctlappc  
prompt: umount /dev/sdb1  
prompt: exit
```

Power off the controller and back on, when you get into the configuration of the controller, the Firmware Revision should show the new version.