

DK240/242/480 Non-volatile memory utility software instructions

Enclosed is a copy of 8-0114-D.exe software, which reconfigures the non-volatile memory (NOVRAM), and "xxxxx". nov, a data file containing the original factory programmed values of your monochromator or spectrograph.

This procedure will allow the current contents of the monochromator's memory to be saved, and then the original factory values to be reprogrammed.

IMPORTANT: Please save the current contents of NOVRAM (steps 1 – 6) before reprogramming. The original data often proves helpful in isolating problems.

Saving the current configuration to disk:

1. Attach RS232 cable from computer port (COM1 to COM4) to the monochromator or to the DK2400 controller. If through the controller, set it to REMOTE.
2. Run 8-0114-D.exe
3. Select "**U**" (the default) to read configuration values of the monochromator.
4. Select "**Y**" to skip the configuration menu.
5. Select "**Q**" to quit.
6. Select "**Y**" to save configuration data to a disk file. Use any filename you want, except the filename we send you. After saving, the program will exit.

Restoring the original factory configuration data:

1. Run 8-0114-D.exe
2. Select "**D**" to read from disk file.
3. Enter the disk drive and the program name "**A:\xxxxx**". Nov
4. Select "**N**" to enter the configuration menu.
5. Continue selecting "**N**" (the default) until asked if you want to update the factory calibration. Select "**Y**" for this option.
6. Select "**P**" to program the monochromator.
7. Select "**N**" to exit the program without resaving the data.
8. Perform a complete power off / on of the monochromator.



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