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Main Items:

AxoGraph X nears completion

Hardware issues

- Digidata
- Instrutech

Download site

AxoGraph Newsletter

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AxoGraph X (beta 3) Released

We are pleased to announce that an early beta version of AxoGraph X is available for testing. It has been completely redesigned and rewritten for OS X. Download instructions are on page 3.

The data acquisition module supports digitizers from Molecular Devices (Digidata 1320 series), and Instrutech (ITC-16, ITC-18 and ITC-1600). AxoGraph X reads telegraph information from the MultiClamp commander programs MC700A and MC700B. Support for National Instruments digitizers is planned for later this year.

We are wrestling with a subtle bug in the Digidata driver that prohibits continuous acquisition (Chart), but episodic acquisition works well.

New floating toolbars can be used for browsing and analyzing data, and adjusting a graph's appearance. Pausing the mouse over a toolbar button pops up a note explaining its function.

A number of analysis features are not yet available. These will be added over coming weeks. Data files acquired with AxoGraph X can be analyzed using AxoGraph 4.9 running under Classic.

The multi-language programming environment is 95% functional (it runs the data acquisition package), but it is not recommended that users port their custom programs to AxoGraph X at this stage. Support is provided for pre-compiled plug-in programs. A detailed guide to porting plug-ins from AxoGraph 4.9 to X is provided.

A cautionary note: AxoGraph X has not been extensively tested and may contain subtle bugs. Please carefully validate its performance before using it in an experiment. Report any problems to...

<mailto:AxoGraph.Support@webone.com.au>

“To connect a Digidata to a high-end Mac, it will be necessary to purchase a new SCSI card.”

Hardware Issues

Digidata

AxoGraph X communicates with the Digidata 1322A digitizer via a PCI-SCSI adaptor card. An Adaptec PowerDomain 2930U SCSI card ships with the Digidata. This card is compatible with low end Power Mac G5's that have a PCI bus, and AxoGraph X has been tested with this setup. However, the 2930U is physically incompatible with PCI-X slots found in high-end Power Mac G5s. To connect a Digidata to a high-end Mac, it will be necessary to purchase a new SCSI card, for example the Adaptec PowerDomain 29160N. This is a universal card, which is compatible with both PCI and PCI-X slots.

[Information on the Adaptec PowerDomain SCSI Card](#)
[PowerDomain driver for OS X](#)

Instrutech

The PCI-X slots found in high-end Power Mac G5s are physically incompatible with older Instrutech ITC-16, ITC-18 and ITC-1600 interface cards. Since the last newsletter, a 'universal' interface card for the ITC-1600 has been released that will work in both PCI and PCI-X slots. In addition, Instrutech recently released a USB interface for the ITC-16 and ITC-18. We are actively working with Instrutech to add support for this interface to AxoGraph X.

However, Instrutech have reversed an earlier announcement, and now state that a universal interface card will not be created for the ITC-16 and ITC-18. There was a technical problem with the PCI chip set in these digitizers. For more information...

[Latest News from Instrutech](#)

Customers with an ITC-16 or ITC-18 digitizer, planning to upgrade their computer should make sure they order a PowerMac G5 model with the older PCI bus.

AxoGraph X now
available on the
MDC web site

Download Instructions for AxoGraph X

AxoGraph X 1.0 beta 3

Go to the download site by clicking on this link...

<http://files.axon.com/axographxbeta/>

Alternatively, copy and paste the URL to your web browser. A dialog will appear asking for a username and password...

user: xbetatest
password: osxgraph

Please read 'Important_Information.txt' before downloading AxoGraph X.

To analyze files acquired using AxoGraph X, move the file named "*Import AxoGraph X" into the "Plug-In Programs" folder in the AxoGraph 4.9 folder. This will permit AxoGraph 4.9 to read and analyze data files acquired by AxoGraph X.

Bugs can be reported by selecting "E-mail Technical Support" under the AxoGraph X Help menu. We really appreciate your feedback.

MultiClamp

If you have a MultiClamp amplifier, you will need to install a new version of MC700A or MC700B so that AxoGraph X can read the gain telegraphs. Installers are available as separate downloads from the AxoGraph X web site.

Instrutech

If you have an Instrutech digitizer (ITC-16, ITC-18 or ITC-1600), you will need to install the Instrutech driver. This is available as a separate download from the AxoGraph X web site.