

April 29th 2005



Main Items:

AxoGraph X beta 4 released

Hardware update
- Instrutech

Download site

AxoGraph Newsletter

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AxoGraph X (beta 4) Released

After a false start with beta 3, a more robust version of AxoGraph X is now available for testing. Download instructions are on page 3.

Also available for download are a new version of the Instrutech driver, and a new version of the MultiClamp commander program, MC700B. These updates repair the bugs that crippled beta 3.

Data acquisition has been tested with ...

- Digidata 1320 series digitizers (episodic acquisition only for now)
- Instrutech ITC-16, ITC-18 and ITC-1600 digitizers

We have also confirmed that AxoGraph X beta 4 can read MultiClamp 700A and 700B telegraphs.

The Digidata driver still does not work in continuous acquisition mode (Chart), but episodic acquisition works well.

While waiting for third-party bug fixes, several new features have been added to AxoGraph. Files can be imported and exported in several different formats (Igor Packed experiment files, KaleidaGraph, tab-delimited text). Cursor measurement now works, and the technique for selecting an analysis range has been significantly improved. A start has been made on mouse measurement.

Please carefully validate the performance of AxoGraph X before using it in an experiment. Report any problems to...

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 Update

Digidata

AxoGraph X communicates with the Digidata 1322A digitizer via a PCI-SCSI adaptor card. We have recently learned that Adaptec are phasing out support for OS X, so we are no longer recommending the Adaptec PowerDomain 29160N. Instead, we are investigating a PCI-X SCSI adaptor card from Atto. More information on this soon.

[The Atto PCI-X SCSI adaptor card](#)

Instrutech

In the last newsletter we advised that a universal interface card, which fits both PCI and PCI-X slots, will not be created for the ITC-16 and ITC-18. However, we had overlooked a recent news item from Instrutech announcing the release of PCI-X interface cards for ITC-16 and ITC-18...

[Latest News from Instrutech](#)

These cards are not universal, and will only work with PCI-X equipped high-end PowerMac G5s.

Instrutech has also released a USB-2 interface for the ITC-16 and ITC-18. In principle, they will permit AxoGraph X to perform data acquisition on a PowerBook. However, this is not possible in beta 4 due to bugs in the Instrutech driver. We are actively working with Instrutech engineers to support their full range of digitizers.

AxoGraph X now
available for
download

Download Instructions for AxoGraph X

AxoGraph X 1.0 beta 4

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 latest Instrutech driver (version 19.5). This is available as a separate download from the AxoGraph X web site.