BioNex 2 slot Chassis, Model 50-3711-02

The BioNex 2-Slot mainframe is ideal for teaching and entry level research. It is portable, light weight and is a great low cost solution for many academic laboratories. It contains two card slots that can accept any combination of the six available BioNex modules. It supports data acquisition, analog output, triggering, A/V and digital event recording.

The BioNex product line will ship with the new BioLab software. BioLab is a powerful yet easy to use software interface for the BioNex product line. BioLab gets you up and running quickly and provides display, analysis, scaling and recording of all your data. BioLab data is also 100% compatible with MindWare's suite of signal processing applications.

- Modular design allowing modules to be interchanged between mainframes.
- Six different modules available
- Synchronous audio/video recording to .mpg (with A/V option)
- 14 bit A/D conversion
- Analog Sampling Rate, 48ks/s
- Communication via USB 2.0
- Digital input and output triggering (RCA jacks)
- Small form factor 3" Wide x 5" Height x 6" Length
- 4 lines asynchronous digital input
- User selectable independent channel gains (software)
- In line event detection, real time event log (software)
- Two independent analog outputs
- Online filtering and transforms (software)

BioNex 8 Slot Chassis, Model 50-3711-08

This product was designed to as the workhorse of most laboratories. It contains 8 user configurable slots providing up to 32 channels of custom signal conditioning. These slots can be configured using any combination of the six available BioNex modules. It also supports high speed data acquisition, A/V recording, simultaneous digital input/output, stimulus generation, flexible triggering and multiple acquisition modes.

Each BioNex ship's with MindWare's new BioLab acquisition software. BioLab is a powerful yet easy to use software interface for the BioNex product line. BioLab gets you up and running quickly and provides display, analysis, scaling and recording of all your data. BioLab data is also 100% compatible with MindWare's suite of signal processing applications.

- Modular design allowing modules to be interchanged between mainframes.
- Six different modules available.
- Synchronous audio/video recording to .mpg (with A/V option)
- 16 bit A/D conversion
- 250 ks/s Analog Sampling Rate
- Communication via USB 2.0 high speed format
- Digital input and output triggering (RCA jacks)
- 16 lines of synchronous digital input (sampled at analog rate)
- 16 lines of asynchronous digital input
- User selectable independent channel gains through (software)
- In line event detection, real time event log (software)
- Two independent analog outputs @ up to 833ks/s output sampling rate
- Online filtering and transforms (software)
- +/-5 volts @ 100ma and +/-12 volts @ 40ma (available from back of unit via 1/8" stereo jacks)

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