

USBLink For powerful, yet simple data logging

Fourier now provides a complete solution for all your data logging needs.

The *USBLink* is a sensor interface, **converting any computer into a science data logging learning station**. The *USBLink* ensures students no longer find science too abstract or theoretical. Fourier data collection devices help students connect graphs representing scientific concepts to the real world. Research in this field indicates that repeated activities with the devices can improve students' understanding about physical phenomena. Immediate feedback presents data in a manner that students can learn to interpret almost instantly and so draw scientific conclusions about real-world through direct inquiry.

USBLink, together with Fourier's curriculum, probeware and analysis software is a distinct science solution. *USBLink* is a powerful, yet simple probe interface providing the key for a science hands-on solution to accompany every student computer.



- Plug-n-play data logging
- High frequency online sampling rate up to 10,000 samples per second
- Simultaneous data collection for up to 8 sensors
- Works with Fourier's 65 quality science probeware
- Auto sensor detection
- Powered directly by any PC USB port
- Leverages the MultiLab full data analysis software

Convert your computer to a data logger learning station

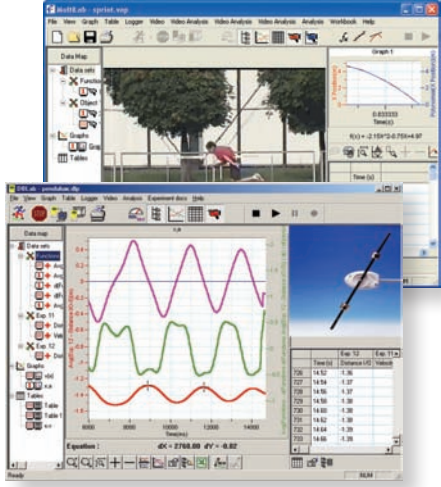


The *USBLink* simple plug-n-play unit is highly-functional, featuring 4-input interface, with an option for up to eight simultaneously connected sensors via USB to the computer. The competitive price point ensures value for money with automatic sensor recognition, fast sampling rate and sample streaming of up to 10,000 samples per second. Users can connect to a large selection of the 65 probeware available from Fourier.

The *USBLink* has been developed to work with the MultiLab award winning science analysis software. Together with Fourier software the *USBLink* brings an advanced set of tools covering the full spectrum of the science project cycle. Students using any Web camera, together with the *USBLink* and Fourier probes, can create multimedia science projects combining video, sound, text and samples of any experiment activity. Complemented by the Fourier vast curriculum library, K-12 teachers and students can experiment in Physics, Chemistry, Biology and Environmental Sciences.

MultiLab software is the ideal tool for project based learning, features include:

1. Multiple displays: Graph, tables and metres
2. Online streamed probe data display from *USBLink*
3. Large library of activities developed by science pedagogic experts
4. Workbooks with multiple experiment cook book manuals
5. Multimedia features including synchronised video and sound
6. Intuitive and easy-to-use single button keyboard to start logging
7. Fully integrated with many office tools such as WORD, EXCEL
8. Multilingual capabilities with software translated to 19 languages



Fourier offers the most advanced student lab experiment analysis, processing and reporting software on the market. With MultiLab software students can collect data from up to 8 probes simultaneously. Data can be displayed in graphs, meters and tables, and students can analyse the data with sophisticated analysis tools including curve fitting, smoothing, and both integration and derivative analysis wizards.

USBLink uses the same award winning MultiLab Software and Sensors as the Nova5000 Data Logger & Student Learning Device (pictured below).

Unique MultiLab features include the video motion analyser where any movie of motion to be converted into data. Students can capture position and time from video, convert this to data sets and analyse the data using all of the MultiLab analysis tools.



As part of the strong Fourier curriculum support, the experiment library offers twenty two in-house experiments, all carrying audio and full experiment data, or previous experiment files created in other classes. Using the bundled camera students can incorporate their own video clips into the learning process. Another curriculum support tool is Fourier Workbooks which provide a step-by-step preview of the Lab activity to be conducted and then automatically configure the MultiLab for the experiment.

For full details on the MultiLab software features visit:
http://www.fourier-sys.com/product_software_multilab.html
For full USBLink details and specifications visit:
http://www.fourier-sys.com/product_data_usblink.html
For full Sensor Probe details and specifications visit:
http://www.fourier-sys.com/product_sensors_usblink.html

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AUSTRALIA - NEW ZEALAND - SINGAPORE - JAPAN - EUROPE

1800 463 279 www.keepad.com
sales@keepad.com
 SYDNEY - BRISBANE - MELBOURNE - PERTH

