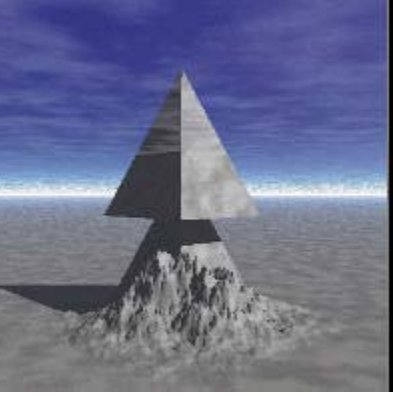


The Logical Interface

Supporting Science Educators since 1988

DATA LOGGING CATALOGUE

The Ezilog USB (New - Release 2)

Inexpensive, yet powerful data logging is here - and it's Australian Made! **($390.00 (Ex GST).**

Convert your computer to a powerful data logger with the Ezilog USB. Connect TLI, Fourier "Nova 5000", Vernier or Data Harvest "Easy Sense" sensors directly into the USB port of your computer with the Ezilog USB.

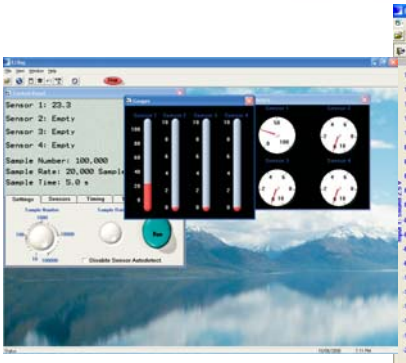
Features

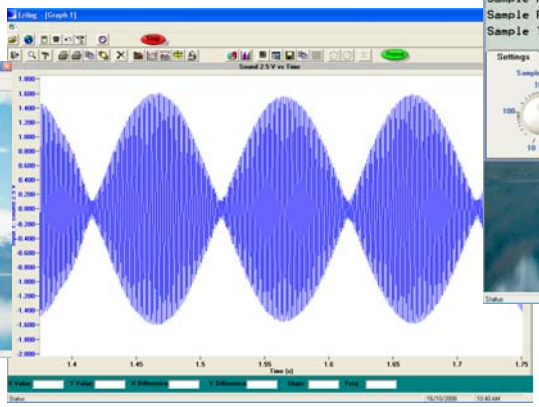
- Over 40 different sensors available from temperature, pH, distance to heart rate.
- Can read from up to four sensors simultaneously, two sensors with auto detect.
- Connects directly through USB port of your computer.
- Samples up to 20,000 samples per second.
- Connects to popular brand sensors.
- 12 bit resolution provides high accuracy.
- Rugged Aluminium case makes this logger almost indestructible
- Easy to use yet powerful software.
- Digital Ticker Timer Mode
- Includes our online experiment manual **FREE**

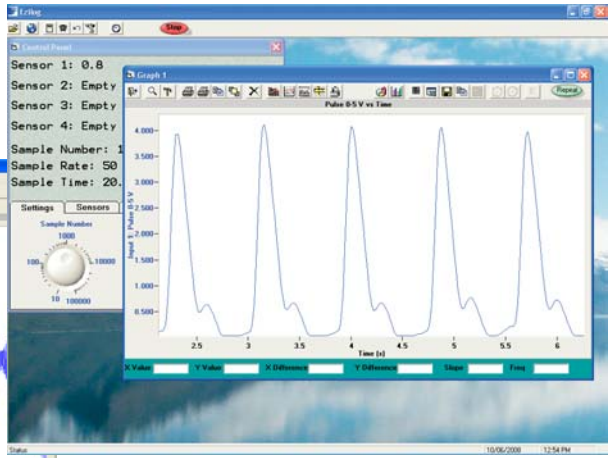
Made in Australia by The Logical Interface.

Ezilog USB Ultra is a mobile data logger. It combines the Ezilog USB with a Netbook PC running Windows XP. With the Ezilog USB Ultra you can run all your software and connect to your school network, the internet, a digital display, or Interactive Whiteboard. **(From $890.00 Ex GST).**

Contact us for information and prices of our Australian made TLI sensors.







Download our free Smart Guide to Data Logging eBook with great tips and sample experiments from our website!

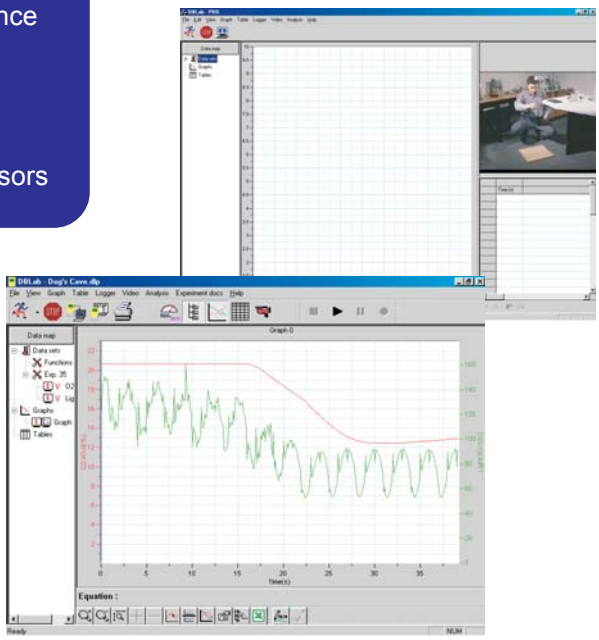
Fourier Data Loggers and Sensors

Nova 5000 (Contact us for price)

The Nova 5000 combines the power of the Multilog Pro with a mini computer running Windows CE and a range of educational software including Multilab.

Features

- Rugged, electronic learning slate with 7” 800 x 480 color touch screen
- Windows CE 5.0 operating system
- Intel XScale PXA270 processor, 524 MHz , 64 MB RAM and 128 MB memory
- 6.4 Hr rechargeable NiMH long-life battery for full school day of operation
- Full Web and email connectivity via Ethernet or built-in WiFi
- Built-in Fourier MultiLogPRO data logger with supporting Maths and Science curriculum tools
- Flexible design with Ethernet, USB and CF ports.
- 3 USB 1.1 Host ports supporting a wide range of USB devices.
- VGA video output to an external monitor or projection device.
- Four MultiLab sensor sockets supporting a selection of more than 50 sensors



Contact us for Fourier sensor details, kits and prices.
TLI provides training in and support with Pasco data loggers by experienced teachers.

TLI Mass Sensor-Balance $440.00 (Ex GST)

For use with most popular data loggers. This balance can be used as a stand alone electronic balance, **or as a mass sensor attached to a data logger**. It can be used to measure Mass, Force and Volume. Works with the following popular data loggers TI CBL., Vernier LabPro, Fourier Multilog Pro.,TLI Ezilog USB, Tain, DataHarvest EasySense (without calibration).

Typical Experiments

- Volumetric measurements - titrations etc.
- Rates of Reaction.
- Ampere's Law: Force vs Current.
- Current Carrying Wire in a Magnetic Field.
- Apparent Mass

Plus Free Experiment worksheets.

Pasco Data Loggers and Sensors

Pasco Spark

PASCO's new SPARKlabs combine state-of-the-art digital measurement, instruction, and student response. They offer multiple display types, robust graphing, extensive analysis tools, and are highly customizable for your students and your curriculum. Only PASCO integrates all this functionality together in one place. No more switching back and forth between lab instruction, measurements, and analysis tools.

Features

Reduce time and effort between setup and data visualization through SPARKvue's simplified user interface.
Display data in multiple simultaneous representations (e.g., graphs, tables, digital "read outs", analog meters).
Promote real-time analysis with SPARKvue's direct manipulation analysis tools (e.g., curve fitting, descriptive statistics, data transformations)
Energise student reflection and discussion with built-in tools,.
Print student-created journals.
Sampling Rate 1000 Hz
SPARKlab™ for many standard topics in a range of disciplines.

Xplorer GLX Graphing Datalogger

The world's first graphing logger for science that truly stands alone . . . the Xplorer GLX captures, analyzes, annotates, stores and prints data quickly and seamlessly, without being connected to a computer. A science lab wherever you need it. Also, connect to a computer and unleash the full power of PASCO's award-winning DataStudio software.

Features

Large backlit LCD — visible in both sunlight and low light
Stand-Alone or connect directly to your computer by USB.
4 universal sensor ports — use with over 60 PASPORT sensors
4 built-in sensors (2 temperature, sound, voltage)
Maximum Sampling Rate 50,000 samples per second
Collect Data in the Classroom or the Field
Graphs, tables, digits, and meter displays
Prints graphs and data directly to printers

USB Link

The USB link allows you to connect to Pasport sensors directly to you computer by your USB

Features

Directly Link One PASPORT Sensor to a USB Port.

Use Multiple Links for More Sensors.

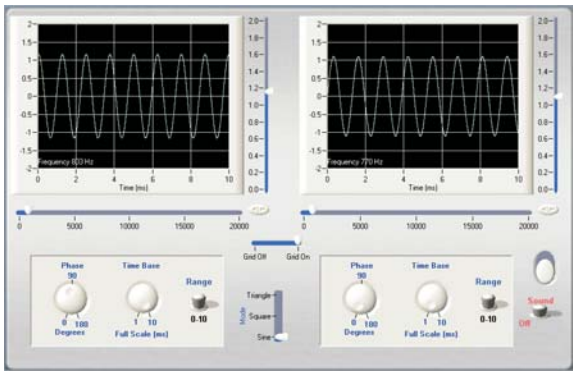
1000 Hz Maximum Sampling Rate with PASPORT Sensors.

Contact us for price and information on the range of Pasco data loggers and sensors.
TLI provides training in and support with Pasco data loggers by experienced teachers.

TLI WaveLab -
Dual Channel Oscilloscope and Signal Generator

TLI Computer Wave Gen: Computer based Dual Channel Signal Generator

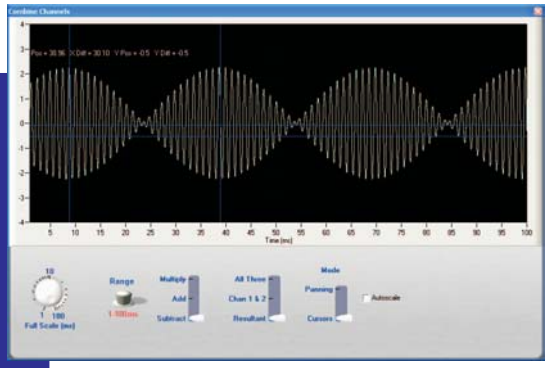
Ideal for use with Interactive Whiteboards



Turn your computer into a powerful Wave Laboratory. Create sine, square and triangle waves. Demonstrate beats, interference and other wave properties with our Computer Wave Lab - the perfect companion to our range of data loggers.

How it Works

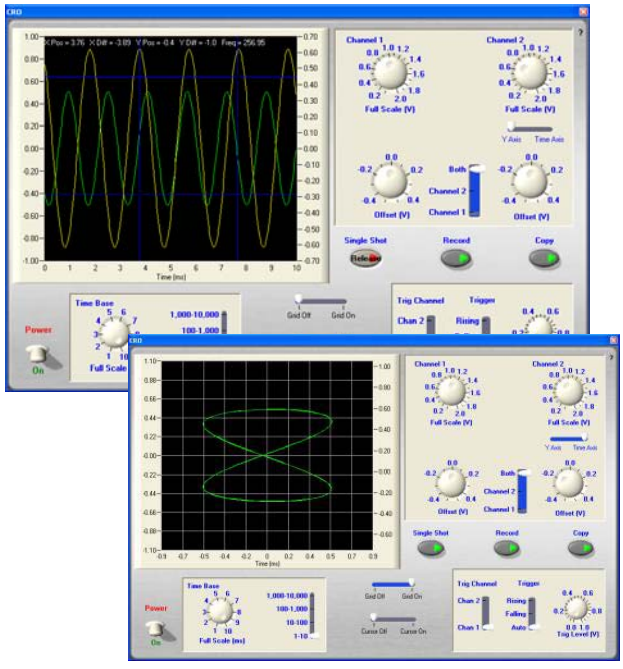
By developing software that uses your computer's internal oscillator and multimedia capabilities to drive our interface, we have created a powerful Computer Wave Lab that replaces traditional signal generators at a fraction the cost. As each channel (speaker) is controlled individually we can create two sources of waves from the one oscillator ensuring the frequencies do not 'wander'. These "sources" can then be output to the computer's speakers, or through the Wave Lab interface to your oscilloscope, or data logger.



Features

- Generates waves of variable frequency to 20 kHz.
- Dual channel output to your data logger, or oscilloscope.
- Control phase diffiference between the two wave sources.
- Simply play through your computer speakers.
- Use the software on its own, or with the Computer Wave Lab interface.
- Oscilloscope mode converts the TLI Wavelab into a dual channel signal generator and CRO for measurement of amplitude, period and phase diffrerence.
- Use the oscilloscope mode to Add, subtract and multiply waves.

TLI CRO
Computer Dual Channel Oscilloscope



TLI CRO turns your PC into a dual channel oscilloscope. Using your PC's sound card you can view input from a microphone, or optional interface. TLI CRO provides a traditional oscilloscope view with gain, offset, timebase, and trigger controls.

Features

- 16-bit acquisition
- 44 kHz sampling rate
- Optional interface with BNC input to connect voltage sources etc
- Ideal for schools and other educational organisations.

Pricing

TLI WaveGen	**$332.00 (Ex GST)**
TLI CRO	**$250.00 (Ex GST)**
TLI WaveLab System (TLI CRO and TLI WaveGen)	**$490.00 (Ex GST)**

Price includes school site licence and WaveGen Interface

Made in Australia by The Logical Interface

The Logical Interface is not just another importer of educational equipment. We design and make our own equipment and continue to expand our locally produced products. We understand teachers needs. The manager, Phil Jones, has taught physics, IT and science in Europe and in Australia. He has been a lecturer in the DipEd program at Sydney Institute of Education (Sydney University). He has a BSc(HONS), MSc(HONS), DipEd. He writes software in Visual Basic, C++ and Java Script. Phil is the author of many of the software titles sold through TLI. and regularly presents workshops to schools and universities around Australia

The Logical Interface 96 Fowler Rd ILLAWONG NSW Australia 2234
Web: www.logint.com.au Email:info@logint.com.au Phone 02 9541 0367 Fax 02 9541 0535
A.B.N. 26 090 610 969