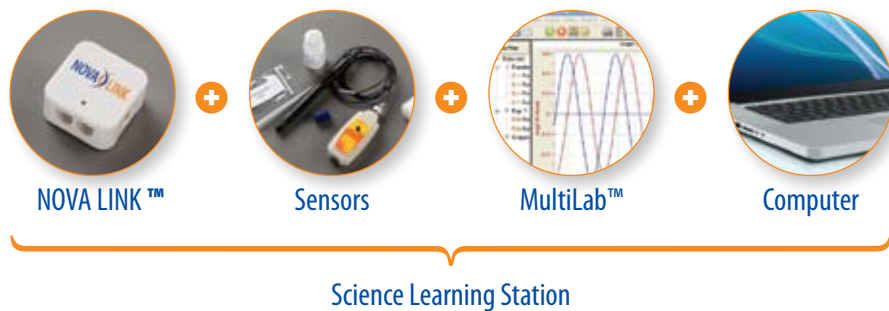




NOVA LINK

Turns any Computer Into a Science Lab

Fourier's NOVA LINK data logger (formerly USBLink) is transforming science education across the globe. NOVA LINK is a budget-friendly sensor interface, converting any computer into a science learning station. NOVA LINK enables students to directly experience and understand otherwise intangible science principles and helps them present and relate scientific concepts to the real world. Included with NOVA LINK is the full version of Fourier's award winning MultiLab™ data analysis software.



Together, NOVA LINK and MultiLab unlock an advanced set of science discovery tools covering the full spectrum of the science project cycle in as little as one lesson.



Key Features:

- Plug-n-play data logging (auto sensor detection)
- High frequency online sampling rate up to 10,000 samples per second
- Simultaneous data collection from up to 8 sensors
- Works with Fourier's over 65 scientific sensors
- Powered by USB port
- Bundled with the FULL version of MultiLab Data analysis software
- Compatible with Windows / Mac / Linux

Now including:

Fourier's Content Viewer

A multimedia reference guide and curriculum to assist in using NOVA LINK and the MultiLab data analysis software.



Technical Specification

- **Inputs**
 - **Auto ID mode:**
Up to 4 simultaneous analog inputs or 4 digital inputs with automatic sensor identification
 - **8 Inputs mode:**
Up to 8 simultaneous analog inputs or 4 simultaneous digital inputs and 4 analog inputs
- **Outputs**
 - USB 2.0 specification compliant
 - 4 Digital Control Outputs
- **Sampling Resolution:** 12-bit
- **Sampling Rate A/D up to 10 kbps:**
 - 1 sensor = 10 kbps
 - 2 sensors = 2 x 5 kbps
 - 3 sensors = 3 x 3.3 kbps
 - 4 sensors = 4 x 2.5 kbps

* Sampling rate calculation = $10K \div \text{number of sensors}$
- **Features**
 - Works with all Fourier sensors
 - LED that will indicate device connection and will blink while sampling
 - Variety of mechanical interfaces for attaching to computer LCD or standard laboratory stand
- **Power Supply:** Powered by USB port
- **Dimensions:** 57 x 57 x 20 mm
- **Weight:** 73 gr
- **Standards Compliance:** FCC, CE
- **Accessories:**
 - Cable adapter for
 - Vernier sensor adaptor
 - Com. Cable
 - Splitter Cable

- 1 **Four sensor ports**
Allows connectivity of up to 8 sensors
- 2 **One mini USB port**
Tethers conveniently to any computer
- 3 **LED light indicator**
Indicates unit is connected and ready to log

MultiLab Software Features

- Graph, video, table and meter displays
- Multimedia reports of your experiment with data, video, audio and text files
- Online or recorded video stream of the actual experiment
- Recording audio comments
- Online data transfer and display of data in real-time
- Math analysis functions



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