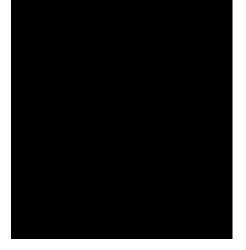
IEEE-488 (GPIB) Interface Solutions

- PCI and USB bus versions
- IEEE-488.2 compatible for fast data transfer
- Windows[®] XP/2000/Vista drivers included
- LabVIEW[®] and LabWindows/CVI support
- Compatible with any standard GPIB instrument

Ordering Information

- KPCI-488LPA IEEE-488.2 Interface Board for the PCI Bus
- KUSB-488B IEEE-488.2 USB-to-GPIB Interface Adapter for USB Port. Built in 2m (6.6 ft) cable





Keithley's GPIB interface solutions make it easy to add standard IEEE-488.2 bus control to any PC system. These high speed tools can control as many as 14 GPIB instruments or other devices over a distance of up to 20 meters. They are ideal for use with automated test equipment in laboratory and industrial applications.

The Keithley **Model KPCI-488LPA** is a lowprofile, GPIB interface plug-in card that is 32-bit/33MHz PCI bus compatible. Its PCI interface supports both 3.3V and 5V PCI environments, making it suitable for most desktop computers and industrial PCs, including the new low-profile desktop systems. This low-cost solution supports Windows XP/2000/Vista, and its driver library is command compatible with National Instruments[™] and Capital Equipment Corporation[™] command functions.

The Keithley **Model KUSB-488B** USB-to-GPIB interface turns any computer with a USB port into a fully functional GPIB controller. The KUSB-488B's small form factor makes it per-

	KPCI-488LPA	KUSB-488B
Bus/Form Factor	PCI	USB
Dimensions	4.7 × 2.5 in (120 × 64.5 mm)	3.2 × 2.6 × 1.1 in (81.7 × 66.1 × 27.8 mm)
Power (Current @ 5VDC)	400 mA typ., 750 mA max.	500 mA
Transfer Speed	1.5 Mbyte/s	1.5 Mbyte/s
EMC	European Directive 2004/108/EEC	European Directive 2004/108/EEC
Environmental	Operating: 0° to 55°C, 10% to 90% RH non-condensing	Operating: 0° to 55°C, 10% to 90% RH non-condensing
	Storage: -20° to 80°C, 5% to 90% RH non-condensing	Storage: -20° to 80°C, 5% to 95% RH non-condensing

fect for use with laptop computers in portable applications or for other applications in which the computer has no available PCI plug-in board slots. The product is USB 2.0 compliant and has an IEEE data transfer rate upwards of 1.5 MB/s through the USB port. No external power is required. KUSB-488B has a built-in 2-meter USB cable.

Software

The included utility software simplifies the setup and use of Keithley GPIB interface solutions and saves programming time. Every solution ships with 32-bit dynamic link libraries for Application Development Environments (ADEs) running under Windows XP/2000/Vista and drivers for the most current programming languages. This adds up to full compatibility with a full array of software, including:

- Microsoft Visual Studio 6.0 (Visual Basic, Visual C++)
- Microsoft Visual Studio .NET (Visual Basic .NET, C#)
- Borland Delphi, Borland C Builder 6.0
- LabVIEW Version 7.0 and up (VISA and IEEE-488.2)
- LabWindows™/CVI Version 7.0 and up (VISA and IEEE-488.2)

Hardware Compatibility

These GPIB Interface solutions are fully compatible with all of Keithley's GPIB capable instruments. The Model 7010 adapter is required for the Model 428-PROG when used with the KUSB-488B.





Specifications are subject to change without notice. All Keithley trademarks and trade names are the property of Keithley Instruments, Inc. All other trademarks and trade names are the property of their respective companies.



A GREATER MEASURE OF CONFIDENCE

KEITHLEY INSTRUMENTS, INC. 28775 AURORA RD. CLEVELAND, OH 44139-1891 440-248-0400 Fax: 440-248-6168 1-888-KEITHLEY www.keithley.com

BELGIUM

Sint-Pieters-Leeuw Ph: 02-3630040 Fax: 02-3630064 info@keithley.nl www.keithley.nl

ITALY

ACCESSORIES

Peschiera Borromeo (Mi) Ph: 02-5538421 Fax: 02-55384228 info@keithley.it www.keithley.it

SINGAPORE

Singapore Ph: 65-6747-9077 Fax: 65-6747-2991 koh_william@keithley.com www.keithley.com

CHINA

Beijing Ph: 86-10-8447-5556 Fax: 86-10-8225-5018 china@keithley.com www.keithley.com.cn

JAPAN Tokyo

Ph: 81-3-5733-7555 Fax: 81-3-5733-7556 info.jp@keithley.com www.keithley.jp

SWITZERLAND

Zürich Ph: 044-8219444 Fax: 044-8203081 info@keithley.ch www.keithley.ch

FRANCE

Saint-Aubin Ph: 01-64532020 Fax: 01-60117726 info@keithley.fr www.keithley.fr

KOREA

Seoul Ph: 82-2-574-7778 Fax: 82-2-574-7838 keithley@keithley.co.kr www.keithley.co.kr

TAIWAN

Hsinchu Ph: 886-3-572-9077 Fax: 886-3-572-9031 info_tw@keithley.com www.keithley.com.tw

GERMANY

Germering Ph: 089-84930740 Fax: 089-84930734 info@keithley.de www.keithley.de

MALAYSIA

Penang Ph: 60-4-643-9679 Fax: 60-4-643-3794 koh_william@keithley.com www.keithley.com

UNITED KINGDOM

Theale Ph: 0118-9297500 Fax: 0118-9297519 info@keithley.co.uk www.keithley.co.uk

INDIA

Bangalore Ph: 080-26771071,-72,-73 Fax: 080-26771076 support_india@keithley.com www.keithley.com

NETHERLANDS

Gorinchem Ph: 0183-635333 Fax: 0183-630821 info@keithley.nl www.keithley.nl

No. 0000