

# IEEE-488 (GPIB) Interface Solutions



Keithley's GPIB interface solutions make it easy to add standard IEEE-488.2 bus control to any PC. These high speed tools can serve as a talk/listen device or can operate as a system controller, controlling 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.

## Software

Included utility software simplifies the setup and use of the Keithley GPIB interface solutions and saves programming time.

Every solution ships with 16- and 32-bit dynamic link libraries for languages running under Windows, drivers for virtually any programming language, and a passport for compatibility with NI-VISA 2.6 or higher. This adds up to full compatibility with a full array of software, including:

- PCI (with FIFOs), ISA, and USB bus versions
- IEEE-488.2 compatible for fast data transfer
- Windows XP/Me/2000/NT/98/95/3.X drivers included (USB compatible on Windows 2000/XP/Me/98 only)
- TestPoint, LabVIEW, and LabWindows/CVI support
- Compatible with any standard GPIB instrument

## Ordering Information

### KPCI-488

IEEE-488.2 interface card for PCI Bus

### KPC-488.2

IEEE-488.2 interface card for ISA Bus/XT (half slot)

### KUSB-488

IEEE-488.2 USB-to-GPIB interface adapter for USB port. Built in 2m (6.6 ft) cable

## Keithley Software Packages (optional):

- Keithley start-up software and TestPoint Runtime programs for instruments
- ExcelINX-1A for instruments

## Common Programming Environments:

- TestPoint
- Visual Basic, Visual Basic.net
- Visual C++, Visual C#
- LabVIEW and LabWindows™/CVI (VISA and IEEE-488.2)
- Microsoft Excel VBA
- Delphi

## Hardware Compatibility

These GPIB Interface solutions are fully compatible with all of Keithley's GPIB capable instruments including but not limited to:

- Series 2000 DMMs
- Series 2400 SourceMeter instruments
- Series 2700 Switch/Measure Systems
- Series 6500 Electrometers
- Series 7000 Switch Systems

	KPCI-488	KPC-488.2	KUSB-488
<b>Bus/Form Factor</b>	PCI	ISA/XT	USB
<b>Dimensions</b>	5.25 × 3.63 in (133 × 92 mm)	half slot	4.2 × 2.6 × 1.0 in (10.7 × 6.6 × 2.6 cm)
<b>Power (Current @ 5VDC)</b>	360 mA typ. 500 mA max	800 mA typ.	200 mA
<b>Transfer Speed</b>	1.5 Mbyte/s	350 kbyte/s	880 kbyte/s
<b>Safety</b>	EN61010-1/ IEC 1010	EN61010-1/ IEC 1010	EN61010-1
<b>EMC</b>	European Directive 89/336/EEC	European Directive 89/336/EEC	European Directive 89/336/EEC
<b>Environmental</b>	<b>Operating:</b> 0° to 50°C, 10% to 90% RH non-condensing. <b>Storage:</b> -20° to 70°C, 5% to 90% RH non-condensing	<b>Operating:</b> 0° to 50°C, 10% to 90% RH non-condensing. <b>Storage:</b> -20° to 70°C, 5% to 90% RH non-condensing	<b>Operating:</b> 0° to 55°C, 10% to 90% RH non-condensing. <b>Storage:</b> -20° to 70°C, 5% to 95% RH non-condensing

Add GPIB control to any PC

PRODUCT ACCESSORIES

1.888.KEITHLEY (U.S. only)

www.keithley.com

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