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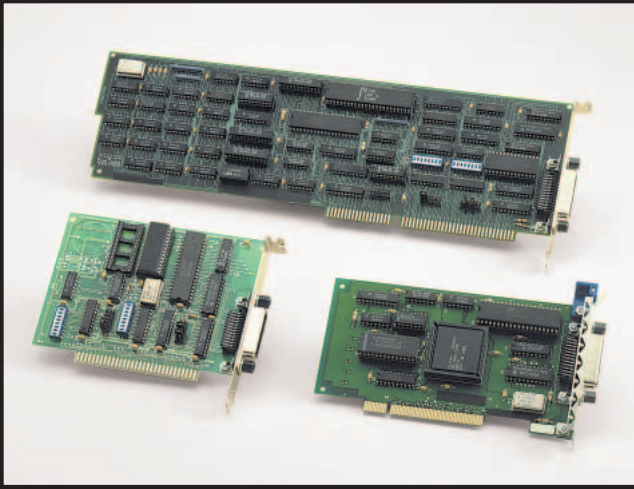
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# IEEE-488 (GPIB) Interface Boards



Keithley's GPIB interface boards make it easy to add standard IEEE-488.2 bus control to any PC. These high-speed boards 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.

## SELECTOR GUIDE

Model	KPCI-488	KPC-488.2AT	KPC-488.2	KPCMCIA-GPIB
Bus Type	PCI (5.2" x 3.9")	ISA/AT (full slot)	ISA/XT (half slot)	PCMCIA
Transfer Rate	>1Mbyte/s	>1Mbyte/s	350Kbyte/s	1Mbyte/s
Plug and Play	•			•
IEEE-488.2 Compatible	•	•	•	•
Software Included	•	•	•	•

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

## 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)

### KPC-488.2AT

IEEE-488.2 interface card for ISA Bus/AT (full slot)

### KPCMCIA-GPIB

IEEE-488.2 interface card for PCMCIA slot (laptop PC) – cable included

## Software

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

Every board ships with a universal language driver, 16- and 32-bit dynamic link libraries for languages running under Windows, and drivers for virtually any programming language. This adds up to full compatibility with a full array of software including:

### Keithley Software Packages (optional):

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

### Common Programming Environments:

- TestPoint
- Visual Basic
- Visual C++
- LabVIEW and LabWindows™/CVI
- Microsoft Excel VBA
- HP VEE
- Labtech Notebook

### Older programming languages:

- C/C++
- Basic
- Basic 7
- Qbasic
- QuickBasic
- Pascal
- Delphi
- FORTRAN

## Hardware Compatibility

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

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

## KPCI-488 Specifications

**POWER REQUIREMENTS:** +5VDC @ 350mA typical.

**OPERATING ENVIRONMENT:** 0° to 55°C, 10% to 90% relative humidity (non-condensing).

CE compliant.

1.888.KEITHLEY (U.S. only)

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