

USB-488

USB-to-IEEE-488.2 GPIB Interface



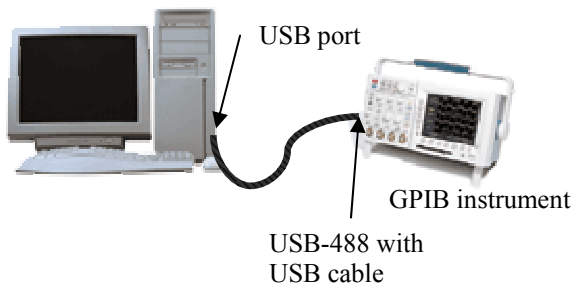
Features

The USB-488 is an IEEE 488.2 standard USB interface, and is supported under popular Microsoft® Windows® operating systems and LabVIEW™.

The USB-488 has the following features:

- Complete Talker/Listener/Controller functionality
- Controls up to 14 GPIB instruments
- USB 2.0 full-speed compliant – 12 Mb/s
- Data transfer rates up to 880 kB/s
- Built-in 2 m USB cable
- No GPIB cable required to connect to the first instrument
- Compact and lightweight
- Compatible with USB 1.1

The USB-488 interface converts any USB personal computer into an instrumentation control and data acquisition system.



Other resources

- The *GPIB-488 Software and Product Information* booklet explains how to install the software on the GPIB-488 software CD. This booklet is on the root of the software CD in `GettingStartedGuide.pdf`.
- The *GPIB-488 Programming Reference Manual* explains how to program the PCI-488 using the GPIB library software included with the board. This manual is installed with the software to the root folder in `GPIBProgrammingReferenceManual.pdf`.
- Support: Phone - (508) 946-5100
Fax (508) 946-9500
Email - info@mccdqa.com

Specifications

USB

Full-speed USB 2.0 signaling 12 Mb/s

IEEE 488 compatibility

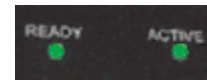
Compatible with IEEE 488.1 and IEEE 488.2.

Maximum IEEE 488 bus transfer rate

Standard IEEE 488 handshake 880 kB/s

LED indicators

- **READY** LED – Lights up when the USB is configured.
- **ACTIVE** LED – Lights up when the USB is active.



Power consumption

USB self-powered device
Maximum power consumption 200 mA

Physical dimensions

10.7 cm (L) x 6.6 cm (W) x 2.6 cm (H)
(4.2 in. x 2.6 in. x 1.0 in.)

I/O Connectors

GPIB IEEE 488 standard 24-pin
USB USB standard series A plug

Environment

- Operating specifications:
 - Ambient temperature 0 to 55 °C
 - Relative humidity 1 0 to 90%,
no ncondensing
- Storage specifications:
 - Ambient temperature -20 to 70 °C
 - Relative humidity 5 to 95%,
no ncondensing