

DEVICE SPECIFICATIONS

GPIB-USB-HS+

For more information about the GPIB-USB-HS+, refer to the *NI-488.2 User Manual* and the *GPIB Hardware Installation and Specifications* document available at ni.com/manuals.

Performance

GPIB

3-wire.....	Up to 1830 Kbytes/s
HS488	Up to 7920 Kbytes/s

Signaling

GPIB 3-wire, HS488

USB USB 2.0

Power Requirements



Caution The protection provided by this product may be impaired if it is used in a manner not described in this document.

USB bus-powered device

Maximum power consumption 200 mA

Typical power consumption..... 80 mA

Physical Characteristics

Dimensions 8.0 cm × 6.1 cm × 2.0 cm
(3.2 in. × 2.4 in. × 0.8 in.)

Weight..... 153 g (5.4 oz), includes USB cable weight

I/O connector

GPIB IEEE 488 24-pin connector

USB USB Standard Type A plug

Jackscrew

Thread..... M3.5 × 0.6

Torque 0.56 N · m (5.0 lb · in), maximum

Environmental

Operating ambient temperature	0 °C to 55 °C (Tested in accordance with IEC 60068-2-1 and IEC 60068-2-2.)
Storage ambient temperature	-20 °C to 70 °C (Tested in accordance with IEC 60068-2-1 and IEC 60068-2-2.)
Operating relative humidity	10% to 90%, noncondensing (Tested in accordance with IEC 60068-2-56.)
Storage relative humidity	5% to 95%, noncondensing (Tested in accordance with IEC 60068-2-56.)
Pollution Degree	2
Maximum altitude	2,000 m (at 25 °C ambient temperature)

Indoor use only.

Safety

This product is designed to meet the requirements of the following standards of safety for electrical equipment for measurement, control, and laboratory use:

- IEC 60950-1, EN 60950-1
- UL 60950-1
- CAN/CSA C22.2 No. 60950.1

Electromagnetic Compatibility

This product meets the requirements of the following EMC standards for electrical equipment for measurement, control, and laboratory use:

- EN 61326-1 (IEC 61326-1): Class A emissions; Basic immunity
- EN 55011 (CISPR 11): Group 1, Class A emissions
- EN 55022 (CISPR 22): Class A emissions
- EN 55024 (CISPR 24): Immunity
- AS/NZS CISPR 11: Group 1, Class A emissions
- AS/NZS CISPR 22: Class A emissions
- FCC 47 CFR Part 15B: Class A emissions
- ICES-001: Class A emissions



Note In the United States (per FCC 47 CFR), Class A equipment is intended for use in commercial, light-industrial, and heavy-industrial locations. In Europe, Canada,

Australia, and New Zealand (per CISPR 11) Class A equipment is intended for use only in heavy-industrial locations.



Note Group 1 equipment (per CISPR 11) is any industrial, scientific, or medical equipment that does not intentionally generate radio frequency energy for the treatment of material or inspection/analysis purposes.



Note For EMC declarations and certifications, and additional information, refer to the Online Product Certification section.

CE Compliance

This product meets the essential requirements of applicable European Directives, as follows:

- 2006/95/EC; Low-Voltage Directive (safety)
- 2014/30/EU; Electromagnetic Compatibility Directive (EMC)

Online Product Certification

To obtain product certifications and the DoC for this product, visit ni.com/certification, search by model number or product line, and click the appropriate link in the Certification column.

Environmental Management

NI is committed to designing and manufacturing products in an environmentally responsible manner. NI recognizes that eliminating certain hazardous substances from our products is beneficial to the environment and to NI customers.

For additional environmental information, refer to the *Minimize Our Environmental Impact* web page at ni.com/environment. This page contains the environmental regulations and directives with which NI complies, as well as other environmental information not included in this document.

Waste Electrical and Electronic Equipment (WEEE)



EU Customers At the end of the product life cycle, all products *must* be sent to a WEEE recycling center. For more information about WEEE recycling centers, National Instruments WEEE initiatives, and compliance with WEEE Directive 2002/96/EC on Waste and Electronic Equipment, visit ni.com/environment/weee.

电子信息产品污染控制管理办法（中国 RoHS）



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