

Serial488A

Serial/IEEE 488 Converter

Features

- Attach an RS-232 or RS-422 printer, plotter, or instrument to an IEEE 488 controller
- Attach an IEEE 488 (HP-IB) printer or plotter to any computer with a serial port
- 32K buffer frees the computer while slow devices are accepting data

The Serial488A is a transparent interface between RS-232/422 and IEEE 488. It allows an IEEE 488 controller to communicate with an RS-232 printer, plotter, or instrument. Conversely, the Serial488A will enable a computer's RS-232 port to communicate with an IEEE printer or plotter. Built into the Serial488A is a 32,000 character data buffer.

The Serial488A is packaged in a rugged all metal case, convenient for bench-top and rack-mount applications.

Specifications

Serial Interface

All parameters are switch selectable.

Electrical Characteristics: Supports RS-232 and RS-422 (Serial488A only)

Duplex: Full with echo/no-echo

Data Bits: 7 or 8

Stop Bits: 1 or 2

Parity: On transmit; odd, even, mark, space, or disabled

Baud Rates: 110, 300, 600, 1200, 1800, 2400, 3600, 4800, 7200, 9600, 19200, and 57600

Terminator: CR, LF, CR-LF, or LF-CR

Control: Supports Clear To Send (CTS), Request To Send (RTS), or XON/XOFF

Connector: Accepts 25-pin Sub-D male: DCE configured

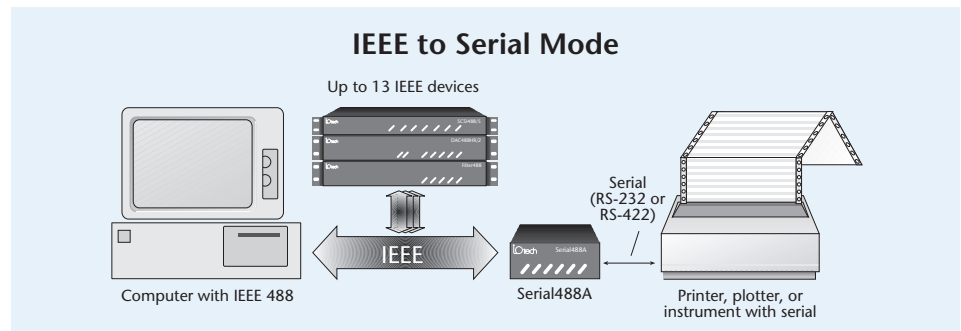
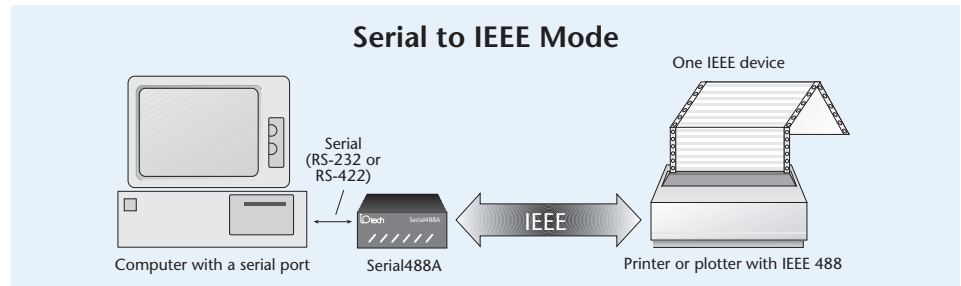
IEEE 488 Interface

Terminator: Software selectable CR, LF, CR-LF, LF-CR, and/or EOI

Connector: Standard IEEE 488 connector with metric studs



The Serial488A transparently converts between serial and IEEE devices



General

Data Buffer: 32,000 characters

Indicators: LEDs for Talk, Listen, Send, Receive, and Power

Power: 105 to 125V or 210 to 250V, 50/60 Hz; 10 VA max

Environment: 0 to 35 °C; 0 to 95% RH, non-condensing

Controls: Power switch (rear panel); internal DIP switches for serial and IEEE parameters

Dimensions: 138 mm W x 190 mm D x 68 mm H (5.4" x 7.5" x 2.7")

Weight: 1.1 kg (2.3 lbs)

Ordering Information

Description
Serial/IEEE 488 converter
with 32K buffer
Shielded IEEE 488 cable, 6 ft.

Part No.

Serial488A
CA-7-3