

RS-232 ↔ RS-422 Interface Converter



Provides Transient Protection



ASeries A440

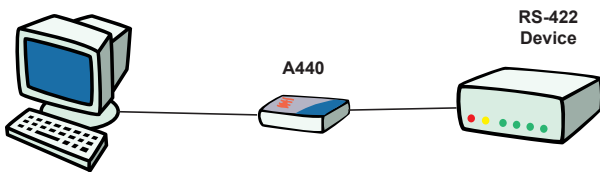
Description

The ASeries A440 allows any RS-232 serial device to communicate with any RS-422 serial device. As well as transferring data the A440 provides one pair of handshaking lines, i.e. DTR/DSR or CTS/RTS for the control of the data flow.

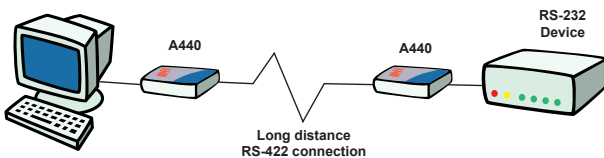
Simple to use and cost effective, the A440 has been engineered for use in both industrial and commercial environments.

Applications

- Connect any incompatible devices using the A440 interface converter.



- Use two A440 converters to connect RS-232 devices over a long distance.



Features

- Bidirectional RS-232 <-> RS-422 interface conversion in asynchronous mode
- Transient Protection on RS-422 lines
- Supports Xon/Xoff Software Handshaking
- Supports DTR/DSR or CTS/RTS Handshaking
- Transmits data reliably at up to 64Kbps
- Switch selectable RS-422 termination resistors for cable distances exceeding 50 metres
- Switchable DCE/DTE selection for RS-232 port
- LED indicators for data activity
- Nickel plated metal case will withstand rugged applications
- Very LOW COST - Very BIG FEATURES

Specifications - ASeries A440

RS-232 Port: Asynchronous RS-232
DB-25 female connector
Switch Selectable DCE/DTE
Transfer up to 64Kbps

RS-422 Port: DB-25 female connector
120Ω termination resistor selection
for handshaking lines 'RD' & 'DSR'

Protection: Transient Voltage Suppression Diodes
RS-422 - Transmit Data Lines
- Receive Data Lines
- DTR & DSR handshake lines

LED Indicators: Receive Data RS-232
Receive Data 20mA Current Loop
Power On

Power Supply: 9V (200mA) DC
Reverse Polarity Protection

Dimensions: 84m x 58mm x 23mm

Weight: 160 grams

All Specifications subject to change without notice

