

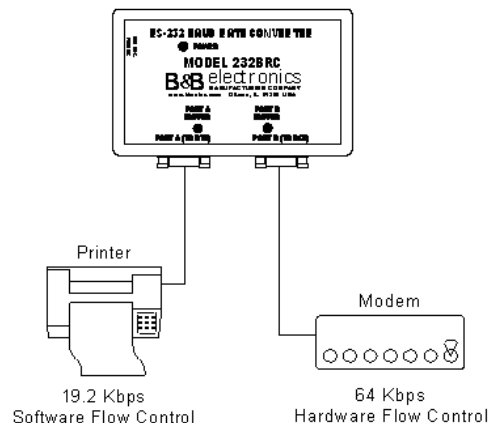


Model: 232BRC
Baud Rate Converter



Features

- ✓ Data Rates up to 115.2 kbps
- ✓ 16 Kb Buffer Prevents Data Loss
- ✓ Hardware and Software Flow Control
- ✓ Interconnects Devices with Different Data Rates, Formats, and Handshaking



Functional Description

Put legacy equipment with incompatible communications standards back into service. Many older or proprietary system devices lack the option to reconfigure baud rate, data format, and handshaking. The 232BRC acts as a translator between asynchronous devices, matching each device's needs while maintaining the highest possible throughput. Each side can be individually configured to suit the device connected to it. It supports data rates up to 115.2 kbps and all standard data formats. Each side can either supply or accept hardware or software handshaking. The included PC setup software walks the user through all possible options. Once configured by a PC, the module may be installed on any system. Non-volatile memory maintains the parameters when power is removed. A detailed instruction manual is contained on the CD ROM which ships with the product. A 12VDC power supply is required (not included).

Ordering Information

| Model Number | Description |
|--------------|--|
| 232BRC | RS-232 Baud Rate Converter |
| Accessories | |
| 232CAMR | DB25F to DB9M 6 inch adapter cord |
| 232CAMS | DB25 Male to DB9 Female 6 inch Adapter Cable |
| 232PS | 12VDC, 100mA Power Supply, Wall transformer |
| 9PAMF6 | 6 ft - DB9 to DB9 Cable, Male to Female |



Operation

- Refer to the Instruction Manual contained on the CD ROM.
- The 232BRC has two DB9 connectors. The female connector is configured as DCE for connecting to PCs, terminals, and other DTE devices. The male connector is configured as DTE for connecting to modems, and other DCE devices. Refer to Table One and Table Two for DB9 pin-outs.
- Three LED's indicate power and the presence of data in either port's buffer.

Table 1
Port A DB9F (DCE)

| Pin | Signal | Direction |
|-----|-----------------------|-----------|
| 2 | Receive Data (RD) | Output |
| 3 | Transmit Data (TD) | Input |
| 4 | DTE Ready (DTR) | Input |
| 6 | DCE Ready (DSR) | Output |
| 7 | Request to Send (RTS) | Input |
| 8 | Clear to Send (CTS) | Output |

Table 2
Port B DB9M (DTE)

| Pin | Signal | Direction |
|-----|-----------------------|-----------|
| 2 | Receive Data (RD) | Input |
| 3 | Transmit Data (TD) | Output |
| 4 | DTE Ready (DTR) | Output |
| 6 | DCE Ready (DSR) | Input |
| 7 | Request to Send (RTS) | Output |
| 8 | Clear to Send (CTS) | Input |

Table 3
Factory Default Parameters

| | |
|-------------|----------|
| Data Rate | 9600 bps |
| Data Bits | 8 |
| Stop Bits | 1 |
| Parity | None |
| Handshaking | None |

Specifications

| | |
|------------------|--|
| Interface: | RS-232 Asynchronous |
| Data Bits: | 5,6,7, or 8 |
| Parity: | Even, Odd, or None |
| Data Rate: | 300 to 115.2 kbps |
| Stop Bits: | 1 or 2 |
| Flow Control: | Hardware (RTS/CTS), Software (XON/XOFF), or None |
| Buffer Memory: | 19 Kb SRAM |
| LEDs: | Buffer A, Buffer B, and Power |
| Input Voltage: | 12 to 17 VDC @ 60mA max |
| Power Connector | 2.5 mm jack (positive tip) |
| Data Connectors: | Port A DB9F (DCE), Port B DB9M (DTE) |
| Dimensions: | 5.8 x 3.6 x 1.2 in (14.6 x 9.1 x 3.0 cm) |
| Software: | Windows 95, 98, NT, 2K, XP, Vista Compatible |