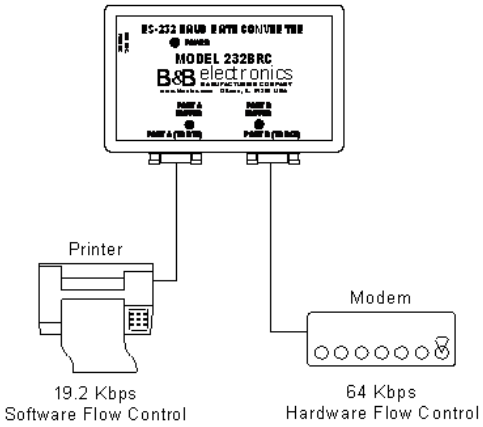
PRODUCT INFORMATION

Model: 232BRC

Baud Rate & Parallel-to-Serial Port Converter

CE



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 & Parallel-to-Serial 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

B&B ELECTRONICS

B&B electronics MANUFACTURING COMPANY

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Operation

- Refer to the Instruction Manual contained on the CD ROM.
- The 232BRC has twoDB9 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

Declaration of Conformity

Manufacturer's Name:	B&B Electronics Manufacturing Company
Manufacturer's Address:	PO Box 1040 707 Dayton Road Ottawa, IL 61350 USA
Model Number:	232BRC
Type:	Light Industrial ITE Equipment
Application of Council Directive:	89/336/EEC
Standards:	EN 55022 EN 61000-6-1 EN 61000 (-4-2, -4-3, -4-4, -4-5, -4-6, -4-8, -4-11)

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Director of Engineering

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