

## RS-422/485 PCMCIA Serial Card Adapter **CE** Model 485PCC

B&B Electronics now offers the most versatile RS-422/RS-485 PCMCIA serial port in the industry. The 485PCC is a serial RS-422/RS-485 PCMCIA card with all of the setup flexibility of our traditional ISA bus cards. The Type II (5 mm) PCMCIA card can be user configured for RS-422 or RS-485 communications and features Automatic Send Data or RTS control of the RS-485 transceiver. Users can also set the 485PCC to 4X clock mode that allows baud rates up to 460.8 KBaud. A high speed 16550 UART allows high-speed communications with reduced CPU overhead. These configuration options allow the 485PCC to fit into most any differential communications system. The 485PCC pinouts match the SMPTE video standard for controlling devices.

A simple configuration program shipped with the 485PCC allows the user to configure the following options. Configuration options are stored in non-volatile memory.

**Transmitter Control:**

- Always Enabled (RS-422 mode)
- RTS Enabled
- Automatic Send Data Control Enable

**Receiver Control:**

- Always Enabled
- Disabled during transmission (Echo Off)

**Clock Rates:**

- 1X, Standard baud rates to 115.2 KBaud
- 4X, Baud rates to 460.8 KBaud



This configuration flexibility allows the 485PCC to fit virtually any RS-422 or RS-485 system without special software or multiple cables - simply use the setup program to configure the card match your system needs.

**Specifications:**

- PCMCIA Type II (5 mm)
- 12 inch cable
- Windows 95 and 98 drivers included
- DB9 male connector, SMPTE (video standard) Controlling Device Pinouts
- Power Consumption, unloaded
  - 1X clock speed: 12 mA
  - 4X clock speed: 16 mA
  - Low Power mode (if supported): < 1 mA
- 16550 high speed UART
- 460.8 KBaud maximum
- Selectable IRQ: 3-7, 9-12, 14 or 15
- Selectable port address: 0 – 3F8h, including COM 1 – 4
- Includes Windows .INF file, DOS enabler, and configuration software

DB9M Pinouts	
Pin	Signal
2	RD A (-)
3	TD B (+)
4	Ground
6	Ground
7	RD B (+)
8	TD A (-)

**DECLARATION OF CONFORMITY**

Manufacturer's Name: B&B Electronics Manufacturing Company  
 Manufacturer's Address: P.O. Box 1040  
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Model Numbers: 485PCC  
 Description: RS-422/485 PCMCIA Serial Card Adapter  
 Type: Light industrial ITE equipment  
 Application of Council Directive: 89/336/EEC  
 Standards: EN 50082-1 (IEC 801-2, IEC 801-3, IEC 801-4)  
 EN 50081-1 (EN 55022, IEC 1000-4-2)  
 EN 61000 (-4-3, -4-4)

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CE

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*This product designed and manufactured in USA of domestic and imported parts by*

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