



**AUTO BI-DIRECTIONAL USB TO RS232/485/ CONVERTER  
FOR "PLUG & PLAY"  
COMPATIBLE WITH PC'S AND MACS**

**MODEL  
USB**



- FEATURES: PLUG-N-PLAY**
- \*Just Plug To **P.C.** or **Mac**
  - \*Only 1.2 X 1.2 X .5" Module \*Auto Direction
  - \*No Housing For Low Cost OEM
  - \*USB V2.0 Compliant with Type "B" Connector
  - \*USB Powered, No Power Supply Required
  - \*Windows 98/ME/2000/XP & Mac's Compatible To 921.6KBPS
  - \*Standard 8N1, XON/XOFF ASCII
  - \*Free Installation Software (Device Driver) at [www.otekcorp.com/software.htm](http://www.otekcorp.com/software.htm)

**DESCRIPTION:**

OOTEK's NEW "USB" Transceiver will allow you to use any RS232 or RS485 I/O equipment with any USB port without a power supply or other parts other than a cable.

Download our **FREE** set up software, select the comm. port, set it for 8N1, XON/OFF, 300 to 921.6KBPS and connect the **USB**.

The **USB** requires no external power since it draws it from the **USB** port and because the RS232 connectors match the existing PC **DB9** (Male DB9) you can directly plug the **USB** to the DB9 on your equipment needing only one cable for the USB end.

**INSTRUCTIONS:**

**For RS232:**

What you will need: 1 ea. DB9M to DB9F cable or extender (Digikey P/N AE-1020-ND) (The **USB** has DB9F). 1 ea. Mini-USB "Type B" cable 4 position male (Digikey P/N AE13XX-ND, XX=Length).

**For RS485:**

The RS485 version has screw terminal connectors (3). Half duplex (automatic direction control) connect a 120 Ohm terminating resistor across terminals 1 & 2 on **First** and **Last** unit in the bus. Use shielded twisted cable. Connect A to Pin 1, B to Pin 2, and ground to Pin 3.

1. Download our **Free** installation software at [www.otekcorp.com/software.htm](http://www.otekcorp.com/software.htm) and install on your USB computer or other equipment.
2. Select comport and set it for 8N1, X-ON/X-OFF and desired baud rate (300-921.6KBPS) on both ends.
3. Plug-In the **USB** side first, the LED on the **USB** will light up (power on), (Your PC will find the **USB** automatically), then the other end.
4. Confirm communications by sending messages from both ends.

**WARNING:** The **USB** has no casing. DO NOT DAMAGE PARTS AND AVOID ELECTRO-STATIC DISCHARGE!

**APPLICATIONS**

- \* Upgrade legacy peripherals
- \* OOTEK's HI-Q and TR Series to USB
- \* Robotics \* Card Readers
- \* Games and instruments to USB
- \* OOTEK's Wireless Products to USB

**ORDERING INFORMATION 12-10-08**

P/N USB -	<input type="checkbox"/>
0 .....	RS232
1 .....	RS485
9 .....	Custom



**Ethernet To USB On Request**

If You Don't See It, Ask For It!

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