

This thumb-sized adapter is USB powered and fully compliant with NMEA 0183 but also compatible with RS-422 and RS-232 systems. The serial input is opto-isolated and the differential output will drive either single-ended (RS-232) or differential (RS-422) interfaces. Data rates up to 38.4 Kbaud are supported. A flashing LED indicates data activity. It works with Windows, MAC, and Linux hosts.

The accompanying figure shows the connection for both NMEA0183/RS-422( differential) and RS-232 (single-ended) systems. When connecting to a single-ended Listener, the Black wire is not normally needed unless the USB Host ground is isolated from the listener. In that case the Black wire is connected to the Listener ground.

PC USB drivers for Windows are contained on an included CD-ROM. Linux and MAC setup instructions are contained in the "readme.txt" file on the CD. A Windows Terminal program, "D-Port," is also included on the CD.

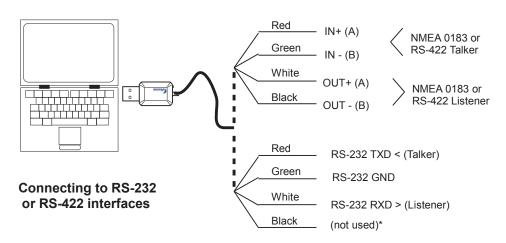


## **SPECIFICATIONS**

Supply current
Baud Rate (max)
IN+ IN- Sensitivity
OUT+OUT- Level
Cable length
Size/weight

70 ma max. (USB supplied) 38.4 Kbaud 2V (differential) 3V into 500 ohms 18 in. 1.8 x 0.7 x 0.43 in. / 0.8 oz





\* Note: if RS-232 RXD ground is isolated from PC USB ground, connect Black wire to RS-232 Listener ground.

