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Blueport XP

Battery powered Serial RS232 to Bluetooth

The BluePort XP is a battery powered Serial-to-Bluetooth wireless cable replacer that can quickly and easily be added to any device with a RS232 serial port, providing a wireless connection to another Bluetooth device or BluePort XP adapter. The BluePort XP can continuously transfer data for 24-30 hours without a charge.

The BLUEPORT XP is simple to use and plugs directly into your serial port of your computer/device and connects using wireless Bluetooth technology to another BLUEPORT XP, Firefly, BluePlug, or other Bluetooth compatible device. The BLUEPORT XP is a DTE and has a DB9 with male pins. The RX/TX and CTS/RTS pins can be switched using a jumper.

The BLUEPORT XP has an integrated LiON (1100 mAh) rechargeable battery pack and smart charger circuitry. An external power supply or USB cable are used to recharge the BLUEPORT XP's LiON battery.

Bluetooth is designed to be a point to point network where the two Bluetooth devices are paired together and no other devices can be connected. Bluetooth uses the license free 2.4 GHz band, channel hopping, and encryption, so your data communications are reliable and safe.

The BLUEPORT XP and the other Bluetooth products from Grid Connect are best used in applications that could be hard-wired but do to cost or physical constraints, wireless makes more sense. The simple RS232 cable replacement is a good example of many of the BLUEPORT XP uses.

BLUEPORT XP

Battery Powered
Serial to BLUETOOTH Adapter

Features / Specifications

- Small size 3.0" x 1.3" x 0.9"
- 100 hours of standby time
- 24-30 hours of continuous data transfer
- +5V external power supply charger (included)
- Can be powered using USB cable
- 7/8 Data bits, 1/2 Stop bits, parity even, odd, none
- Flow control CTS/RTS or none
- Baud rates 9600/115k DIP switch - 1200, 2400, 4800, 9600, 19.2k, 38.4k, 57.6k, 115.2k, 230k
- Automatic Pairing with another Bluetooth device
- LEDs - Yellow is TX/RX, Green is Bluetooth link made
- Internal jumpers to switch Pins TX/RX and RTS/CTS
- External SMA jack and 2.4Ghz antenna (included)
- Up to 330 feet (100 meters) between device (CLASS 1)
- AT Commands for easy setup through serial port (use Windows HyperTerminal or similar)
- Bluetooth Specification 2.0 (with high EDR data rate!), compatible with 1.1 and 1.2
- Serial Port Profile (SPP)
- FHSS (Frequency Hopping Spread Spectrum)
- Operating temperature range -40 to 70C.

BLUEPORT XP to BLUEPORT XP Wireless Communications

BLUEPORT XP to BLUEPORT XP Serial RS232 Wire Replacement



Bluetooth USB BluePlug to Serial BLUEPORT XP

BLUEPLUG to BLUEPORT XP Serial RS232 Wire Replacement



Order On-Line at www.ipenabled.com

Part Numbers:

GC-BT-BLUEPORT-XP

Power Supply Options: Wall (default), USB cable, None