

BTLink Bluetooth to Serial / RS232 Adapter

Overview

The BTLink Bluetooth to Serial / RS232 adapter is a next generation Bluetooth Serial Port adapter which eliminates your conventional RS232 serial cables, providing an easy-to-use, invisible connection with superb freedom of movement. The BTLink Bluetooth to Serial / RS232 adapter allows any device with a standard Serial / RS232 port to communicate wirelessly.

These wireless serial port devices do not require a computer to function. After it is configured simply plug in and it is ready to work transparently. You can communicate with another Bluetooth Serial adapter or other Bluetooth-enabled devices. These include laptops, workstations, PDAs, mobile phones, serial printers, serial scanners, RTUs, sensors, robots and many other RS232 based devices wirelessly up to 300+ feet (100 meters) away.

Features

- Supports Bluetooth Serial Port Profile and Generic Access Profile
- No need for external host and software
- Up to 100 metre wireless working distance (line of sight)
- Small form factor (35mm x 95mm x 16mm)
- Easy, fast and intuitive installation and setup.
- OS independent (Windows 95-Vista, Linux, MAC OS, etc...)
- ...
- Powered via USB cable, an AC/DC converter or via pin 9 of the D SUB 9-pin connector
- Supports configuration of local device via AT command set
- Bluetooth specification V2 EDR compliant and backward compatible with V1.1 and V1.2
- Point to Point or multipoint (Piconet) connection
- Supports baud rates 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200, 230400, 460800 bps
- DCE (female 9 way) or DTE (male 9 way) configurable via a single switch!
Gender changer provided as standard.
- Highly regarded CSR BC04 chipset based for superior Bluetooth interoperability.
- CE, FCC, RoHS complaint.

AT Command Set Supported

- A : Establish connection when in master role
- B : Display the Bluetooth address of the local adapter
- D : Specify Bluetooth address of device to pair with
- E : Echo
- F : Perform Bluetooth neighbourhood inquiry scan
- H : Set discoverable or undiscoverable
- I : Report firmware version
- K : Set stop bits
- L : Set baud rate
- M : Set parity
- N : Name the adapter
- O : Enable/disable auto-connection feature
- P : Specify a PIN
- Q : Setting for result messages
- R : Set adapter to master or slave role
- Z : Restore default setting and perform warm restart