



Features

- 3 wire operation
- Integral Antenna
- Secure: Requires bonding/pairing
- Can be configured as a 'pair' offering TRUE cable replacement

Specifications

- Max Measured Current: 120mA
- Recommended Power Supply: 200mA @ 5V
- Baud rates: 115k2 baud (configurable)
- Data Bits: 8
- Stop bits: 1
- Parity: None
- Size: 46.8mm x 36.025mm

Connector Type

- JST 10 WAY HOUSING

Connector Pin Outs

- PIN 1 – TXD (Transmitted Data)
- PIN 2 – RXD (Received Data)
- PIN 3 – VSS (Ground)
- PIN 4 – CTS (Clear to Send)
- PIN 5 – RTS (Request to Send)
- PIN 6 – VEXT (Power Supply)
- PIN 7 – PIN 10 - Used Internally - NOT FOR USE.

Configuration Options

- Baud Rate: Select from list or enter custom. Available rates 244 baud - 1.38 Mbaud (multiples of 244)
- Stop bits: 1 or 2
- Parity: Odd, even, none, mark or space
- Data bits: 8 only
- Profile Behaviour: Client Server (DevA, DevB)
- Bonding: Enable/disable/link key expiry. Manually enter remote address
- Pin: Select from list or enter custom (8 character limit)
- Local Name: Select from list or enter custom (31 character limit)
- Alter device class
- Menu: enable/disable/allow automated configuration

Note: Settings are only applied on device reset or user confirmation.

Notes

- Also available as a complete product (BL-521) with case and cable terminating in a 9pin 'D' connector

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RS232 Bluetooth™ Module

Description

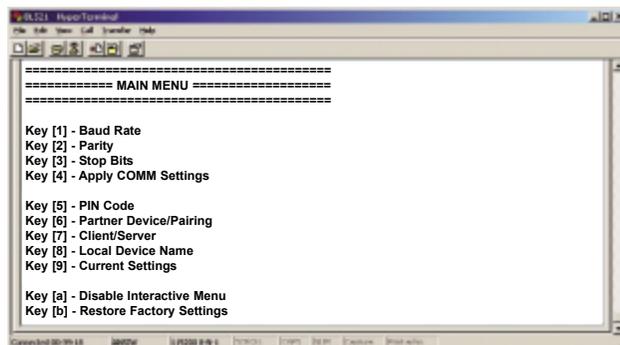
The Brainboxes RS232 Converter allows any device with an RS232 port to communicate with another Bluetooth device without the need for additional Bluetooth software, making it ideal for Bluetooth enabling 'dumb' RS232 devices such as printers/scanners etc. It is based on fully tested Bluetooth silicon, allowing communications at the full Bluetooth data rates. The antenna for the board is built into the PCB.

This product is part of a wide range of Bluetooth products available from Brainboxes including Type I CompactFlash, USB and Type II PCMCIA.

Simple to use - be up and running within 10 minutes!

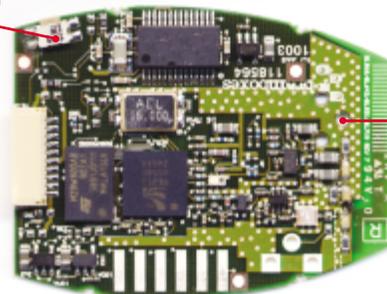
Software/Configuration

The BL-521 does not require any software. It has a simple to use 'bulletin-board' style configuration menu, meaning its settings can be changed from any Operating System without the need for a specific configuration application.



All user settings are available as Factory pre-configuration – MOQ 100 pieces.

Reset button



Mounting Points

ORDER

Description

- RS232 Bluetooth Converter Module
- RS232 Bluetooth Converter

Code

- BL-730
- BL-521