

**RoHS Compliant**



**BL-875**

**BLUETOOTH 2xRS232 PAIRED DEVICES**

**"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"**



#### Features

- Class 1.1 Qualified Bluetooth device
- Suitable for ANY device with serial port
- Handshaking flow control
- Range - Office: Field: 30m Office: 10mm
- Subject to local environment conditions
- Power on Pin 9
- Integral Antenna
- Upgradeable onboard flash memory for latest Bluetooth Features
- 4 ways to Configure
- Up to 1.0 Megabaud RS232
- 9 Pin Male and Female Options

#### Options



BL-875:  
BLUETOOTH 2xRS232  
PAIRED DEVICES

#### Description

Compact, Award winning Brainboxes Pre-paired RS232 adaptors for cable replacement without the need for any additional software. Ideal for Bluetooth enabling dumb RS232 devices such as dataloggers etc. With option to power from Pin 9. Based on fully tested Bluetooth silicon, Allowing communications at the full Bluetooth data rates. No visible antenna.

The brainboxes Bluetooth Range

With Brainboxes industry renowned Lifetime Warranty and Lifetime Support!

#### Software

Microsoft signed drivers (easy installation & robust operation) for:

- Configuration Utility (for Windows)
- Remote Configuration Over Bluetooth Link
- Command line Configuration
- Bulletin Board Configuration

As well as: full product documentation, a thorough troubleshooting guide and terminal software. Detailed sample source code for many popular programming languages. Further OS support on next page.



#### ORDER

Description

BLUETOOTH 2xRS232 PAIRED DEVICES











Code

BL-875



# BLUETOOTH 2xRS232 PAIRED DEVICES

BL-875: Full Specification

	Bluetooth General	Bluetooth Qualification	1.1 Qualified Qualified
	Bluetooth Radio	Class Of Device	Class
		Radio Frequency	2.45 GHz
		Integral Antenna	Yes
		Receiver Sensitivity	-83
		Output Power	> 0 dBm < 4 dBm
    	Bluetooth Settings	Operating Distance (Typical) Metres*	Field: 30m Office: 10m
		Max Transfer rate (Kb/s)	723
		Configurable Local Device Name and Device Class	Yes
		Pairing Options	Enable/Disable/Link key expiry/2 proximity modes
		Client and Server Mode	Yes
		Configurable Discoverability, Security mode and PIN number	Yes
	Serial Port Settings	PICONET & SCATTERNET capable	Yes
		PARK and SNIFF mode	Yes
		Factory Reset	Yes
		Baud Rate (KB/s)	921,600
		Data Bits	8
		Parity	Odd, Even, None
	Bluetooth Security	Stop Bits	1 or 2
		Flow Control	
		Encryption	'None' , 'Point to Point' or 'Point to Point and Broadcast'
	General	PIN Authentication	PIN: Select from list or enter custom (16 character limit)
		Security Levels	Low, Medium & High (Security Mode 1,2 & 3)
		Power Source	External Power Device: 110mA @ 5V Or Power On Pin 9: 5V - 13.6 V
	Interface	LEDs	Combined power and Bluetooth link LED
		Power Consumption	Depends on usage
		Weight	awaitingkg
	Approvals	Size WxDxH (mm)	awaitingmm
		RS232 Connector	9 pin male
		OS Compatibility	Suitable for any device with Serial Port
 	Product Support	Configuration	Windows Utility software or Remote/terminal Config
		Other Approvals	WEEE RoHS FCC Compliant EMC: CE Bluetooth Qualified TAA
		Warranty	3 Years
 	Additional	Support	Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team
		OEM option	Available for bulk buy OEM
		Made In	Manufactured in the UK by Brainboxes Winner 2005 European Electronics Industry Awards "Manufacturer of the Year"
		Customisable	Brainboxes operate a "Perfect Fit Custom Design" policy for volume users. More Info: sales@brainboxes.com