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Microsoft Partner Gold OEM

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RoHS Compliant

BL-819/ BL-830

BLUETOOTH 1xRS232 MALE DTE - CLASS 2

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"

Description

Compact, Award winning Brainboxes RS232 Adaptor (male connector) allows any device with an RS232 port to communicate with another Bluetooth device 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!

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
- Intergral 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

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.

Options

BL-819:
BLUETOOTH 1xRS232
MALE DTE - CLASS 2

BL-830
BLUETOOTH 1xRS232
FEMALE DCE - CLASS 2

ORDER

Description	Code
BLUETOOTH 1xRS232 MALE DTE - CLASS 2	BL-819
BLUETOOTH 1xRS232 FEMALE DCE - CLASS 2	BL-830

GB AEOF 00031/11

TAA Compliant

BLUETOOTH 1xRS232 MALE DTE - CLASS 2

BL-819/ BL-830: 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
	Operating Distance (Typical) Metres*	Field: 30m Office: 10m
Bluetooth Settings	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
	PICONET & SCATTERNET capable	Yes
	PARK and SNIFF mode	Yes
	Factory Reset	Yes
Serial Port Settings	Baud Rate (KB/s)	921,600
	Data Bits	8
	Parity	Odd, Even, None
	Stop Bits	1 or 2
	Flow Control	RTS/CTS, DTR/DSR
Bluetooth Security	Encryption	'None' , 'Point to Point' or 'Point to Point and Broadcast'
	PIN Authentication	PIN: Select from list or enter custom (16 character limit)
	Security Levels	Low, Medium & High (Security Mode 1,2 & 3)
General	Power Source	External Power Device: 110mA @ 5V Or Power On Pin 9: 5V - 13.6 V
	LEDs	Combined power and Bluetooth link LED
	Power Consumption	Depends on usage
	Operating Temperature Range	0 °C to +70 °C
	Weight	0.024 kg, 0.05 pounds
	Size WxDxH (mm)	Each Adapter is 75(l) x 34(w) x 19(h) mm, 2.95(l) x 1.34(w) x 0.75(h) inches
	RS232 Connector	9 pin male
Interface	OS Compatibility	Suitable for any device with Serial Port
	Configuration	Windows Utility software or Remote/terminal Config
Approvals	Other Approvals	AEO (C-TPAT) WEEE RoHS EMC: CE FCC Compliant Bluetooth Qualified TAA
Product Support	Warranty	3 Years
	Support	Lifetime Web, Email and Phone Support from fully qualified, friendly staff who work in and alongside the Product Development Team
Additional	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

Other Brainboxes Ranges: PCI Express | Bluetooth Serial Adapter | Ethernet to Serial Adapter | PCMCIA Serial Card | ExpressCard Serial Adapter | USB to Serial

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