

11/04/2013

Version 1

Created by: Connor Lowe

## Brainboxes Bluetooth Solutions FAQ's

**User's question:** I cannot get the Bluetooth software to work on my Windows 7 computer, how can I make this work as it says that Windows 7 is a support operating system?

**Answer:** The Bluetooth Configuration utility was originally designed for Windows XP machines; however it is compatible with Windows operating systems before that, and also in Windows 7. To make it work in Windows 7, please refer to the 8 step guide below.

After attaching your adapter to an available COM port on your computer, make sure that the software files all have a shortcut located on your desktop. The software was originally designed for Windows XP so to make it run successfully; you will need to follow these steps:

- Make sure all of the files are in a folder on the desktop before proceeding.
- Right-click the "Setup.exe" application.
- Click "Properties".
- Click "Compatibility" tab.
- Checked "Run this program in compatibility mode for:" checkbox and leave the default "Windows XP (Service Pack 3)" as default.
- Run the "Setup.exe".
- Proceed and say "continue" or "ignore". If you see error messages during installation.
- Run the utility from the shortcut created on the desktop after the installation has finished.

After the above steps have been completed, the software should run in Windows 7 just like would in Windows XP.

When using a Windows XP computer, simply start the application by double clicking the new application icon located on your desktop or go to "*Start/All Programs/Brain Boxes Software/RS-232 Bluetooth Adapter Configuration Tools/RS-232 Bluetooth Adapter Configuration Utility*", as shown below. The Configuration Wizard is also opened in the same manner.

**User's question:** I cannot connect my iPad to the BL product I have just purchased, how do I set up the connection?

**Answer:** Our BL products require the Serial Port Profile (SPP) to be able to communicate over Bluetooth. Unfortunately, Apple do not support this particular profile so it would not be possible to connect to an iPad, iPod, iPhone and depending on the operating system being used by each customer; our BL products may not be compatible with the iMac. **Please check if your product supports SPP.**

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**User's question:** I am unsure on what pins to connect my hardware to, can you help?

**Answer:** A picture of the BL pinouts is located here:

<http://www.brainboxes.com/product/items/bl-819>

The pins in the picture are the same for the BL-819/830/875.

**User's question:** What chipset is used in the Brainboxes Bluetooth products?

**Answer:** The chipset used in the BL-819/830 is the Bluecore BC02 BC212015B.

BlueCore2-External is a single chip radio and baseband IC for Bluetooth 2.4GHz systems. It is implemented in 0.18μm CMOS technology. When used with external flash containing the CSR Bluetooth software stack, it provides a fully compliant Bluetooth system for data and voice communications.

The Bluecore BC02 BC212015B chip has these features:

- Low power 1.8V operation
- Small footprint in 96-ball VFBGA and LGA packages (6x6mm 8x8mm and 10x10mm)
- Fully qualified Bluetooth component
- 0.18μm CMOS technology
- Full speed Bluetooth operation with full piconet support
- Support for 8Mbit external flash
- Minimum external components