

Buccaneer Bluetooth Environmentally Sealed USB Adaptor

The Buccaneer Bluetooth USB Adaptor provides an environmentally sealed wireless connectivity solution suitable for industrial use, a secure connection that does not expose the connector interface to potentially hostile environments. It is intended for use where equipment or systems may be mobile or the inflexibility of static cabling makes communication difficult or impractical, and eliminates the need for costly cables.



Part No.	Description
PX0880/1	IP68 rated, USB / Bluetooth adaptor, Class I
PX0880/2	IP68 rated, USB / Bluetooth adaptor, Class II

INSTALLATION GUIDE

Important - please read instructions prior to using the adaptor.

To use the Buccaneer Bluetooth USB adaptor, you must first install the driver software onto your computer. The adaptor will not work properly without the correct software installed.

Software Download Web Site:
<http://www.bulgin.co.uk/bluetooth>

The latest software, drivers and user guides should be downloaded from the web site. All files are in ZIP format for quick download, and each should be unzipped and saved to a temporary directory. The following items are available for download.

- Installation guide
- User manual
- Frequently asked questions (FAQ)
- Software

Installing the Software

1. Locate the downloaded files
2. Open the installation guide and follow the instructions
3. Launch the setup.exe file - the InstallShield Wizard will start
4. Review and accept the license Agreement
5. The installation process may require the computer to restart
6. If any problems are encountered, check the FAQ documentation

Connecting the adaptor

Once the PC software has been successfully installed, connect the Buccaneer Bluetooth adaptor to the computer USB port. Windows should report that it has found new hardware, and it is searching for drivers. When all the required drivers have been automatically loaded, a message should indicate that the Bluetooth device is ready for use. Refer to the software user manual for details on configuring the adaptor.



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SPECIFICATION

System Requirements:

- Microsoft® Windows®98SE/ME/2000/XP
- Minimum available RAM 64MB
- Minimum display resolution 800x600, 16-bit True Colour
- One available USB Port, v1.1 compliant or better

Electrical:

Current Consumption:	<200mA
Antenna:	Integrated inside the adaptor
Bluetooth Specification:	V1.1 & V1.2
Frequency Band:	2.4GHz unlicensed ISM band
Sensitivity:	-76dBm
Maximum Data Rate:	up to 723kbps
Piconet Support:	Supports up to 7 Slaves
Working Range:	Up to 100m*
Bluetooth Classification:	Class I - 100mW** (20dBm) up to 100m Class II - 2.5mW** (4dBm) up to 75m *Range is dependant on prevailing conditions **Minimum output power at maximum power setting
Certifications:	FCC, CE, BQB, RoHS

Mechanical:

Sealing:	IP68, EN60529, Dust & waterproof when mated
Connector:	Standard 'A' type USB connector Mates with USB Buccaneer panel connectors Secure screw thread locking Mating alignment indicator
Temperature Range:	Operating -10°C to +55°C Storage -20°C to +60°C

Dimensions

