

Buccaneer Bluetooth Cable Replacement

Highlights:

- Dust & waterproof to IP68 EN60529 when mated
- RS232, RS422 & RS485 Serial data to Bluetooth Adapter
- Wireless transparent data connection
- Self connecting for true cable replacement
- Up to 100m range (class 1)
- Multidrop or point to point versions
- Multidrop wireless master to 7 slaves (max) auto bonding
- Point to point - non bonding
- Optional remote parameter setting
- Mates with: PX0727/S, PX0707/S/09, PX0709/S/09, PX0769/S, PX0884

Typical Applications:

- Water industry
- Environmental monitoring
- Energy management
- Factory monitoring
- Plant and machinery
- Transport/traffic systems
- Vehicle communications - tractor/trailer



Buccaneer Bluetooth cable replacement products eliminate data cables and allow equipment with RS485 or RS232 data ports to communicate using wireless Bluetooth technology. The IP68 rated environmentally sealed enclosure protects against the ingress of dust and moisture, so the units can be used in numerous harsh or hostile applications. They can be mounted internally or externally for maximum flexibility, convenience and also for optimum range. These units can be used when cables are difficult, impractical or expensive to install, for example: between different buildings, between walls or floors, around other obstructions, or open field sites. With a wireless communication range of up to 100m, significant savings could be made over a hard-wired solution in terms of installation time, disruption and cost. Wireless Point-to-Point or Multi-Drop data connections can be made quickly and easily between serial interfaces or dumb devices and work transparently without any need for a PC, PLC or Bluetooth software. The Master and Slave units automatically establish a data link between themselves, no intervention or special serial commands are required, enabling fast and cost-effective cable replacement or data network extension. The Master will automatically connect with up to six Slave units to form a multi-drop network.

The units require a DC power supply between 6 and 24 Volts DC. Wired communication data connections can be made via pins 3, 4, 5 and 9. Data types RS232, RS422 and RS485 are supported and the desired mode can be configured via connector pin 7. Half Duplex or Full Duplex modes are selected via connector pin 2. Configuration modes are selected by linking the relevant pin to ground or by leaving the pin open circuit. The product features a translucent status window, through which five LEDs are visible to indicate the device status: Power on (Green LED), RS232 mode, RS485 mode, configuration problem (Red LED), and Bluetooth connected (Blue LED)

If required, the communication Baud rate, parity, stop bits and flow control can be re-configured using a software application, download from <http://www.bulgin.co.uk/software/>. The factory default settings are: 9600, N, 8, 1 without flow control, and the products will self-connect and work straight out-of-the box without any intervention or adjustment.

For a Quote...

Elektron Technology

31-315 Plantation Drive
Thousand Palms, CA 92276

Phone: 760-343-3650 Fax: 760-343-3445

Website: www.elektron-technology.com