



Pairing the OptoBlue

Normally each OptoBlue is paired with an OptoWave when shipped from the factory. However if you received your separate OptoBlue and want to pair it with an OptoWave that you already have you must follow this simple procedure.

Theses instructions are for Windows XP. A similar procedure should work for Windows7, 8, 2000 or Windows 98. For any questions or issues contact Tom Houck @ t.houck@probe-tec.com

1. Install the OptoBlue according to the instructions included.

A. See <u>www.probe-tec.com/Support_Page.htm for a .pdf</u> of the instructions for the OptoWave.
B. <u>Be sure the PC installs two drivers.</u>
C. In Device Manager Check the COM port number of the device OptoBlue under Ports (COM & LTP)

2. Open a terminal emulation program

You can use Hyerterminal or any other terminal program you are familiar with. See the CD that came with the OptoBlue for a simple terminal program called Terminal.exe.

A. Set the program to the COM port number found in step 1.

B. Set the program to 9600 baud, 8 data bits, no parity, one stop bit and no handshaking. Be sure that a carriage return sends a carriage return and a line feed (CR=CR+LF).

C. Check to see if the green LED is lit on the OptoBlue.

D. Connect to the COM port by pressing the connect button in upper left.

E. Type in "set" The red LED should flash each time you type a character on the keyboard. Hit enter and the response should be a listing of the OptoWave's configuration in the response area.





<u>2. Pair</u>

A. Find your OptoWave that you wish to pair with the OptoBlue.

B. Inside will be a label

like this one. Note the



BD_ADDR number. You will need to enter this number exactly to pair to the device.

C Turn on the OptoWave.

D. Type "pa 00:07:80:xx:xx" (where the x's are replaced with the actual LAST 6 characters shown on the label.) Then press enter.

- E. The OptoBlue should respond, Pair 00:07:80:xx:xx:xX OK.
- F. Type reset and wait 5 seconds. The blue LED on both devices should light.
- G. Press the Disconnect button and exit the program.

| 🦼 Terminal v1.9b - 20111230B - by Br@y++ | |
|---|----------------------|
| Disconnect BeScan COM Port Baud rate Data bits Parity Stop bits Handshaking Help About. COM4 C 1200 14400 5700 C 1 C RTS/CTS RTS/CTS Quit COMs 38400 256000 C 7 C RTS/CTS C RTS/CTS C RTS/CTS C N/A/OFF C RTS/CTS C N/A/OFF C RTS/CTS+XON/XOFF C RTS/CTS+XON/XOFF <td></td> | |
| Settings Set font Auto Dis/Connect Time Stream log custom BR Rx Clear ASCII table Scripting AutoStart Script CR=LF Stay on Top 9600 27 € Graph Remote | CTS CCS CDSR CORI |
| Receive C HEX Dec Bin StartLog StopLog Request/Response CLEAR Reset Counter 13 ♦ Counter = 0 Image: ASCII Hex Hex | |
| Type "set" or the pair command here. Response will show here | |
| Transmit CLEAR Send File 0 | |
| Macros M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15 M16 M17 M18 M19 M20 M21 M22 M23 M24 | |
| eer bit page mode 0 2000 1 | +CR -> Send |
| pa 00:07:80:xx:xx | |
| Connected Rx: 0 Tx: 61 | |

Your wireless probe is now ready to use.

If there is a conflict or problem please call Probe-TEC @ 765-252-0257 or <u>t.houck@probe-tec.com</u> for other instructions.

This document was prepared by Probe-TEC and is intended for use with the OptoWave Wireless Optical Probe

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