Configuring Wireless Bluetooth Serial Adapter (HdwBTRS232) with Windows XP’s Bluetooth Software

This document assumes that you are using a Bluetooth Dongle like http://www.wcscnet.com/HdwBTUSBC1 or other Bluetooth device supported by Windows XP SP2 or greater.

1. Connect the Wireless Serial Adapter (HDWBTRS232) to an available COM port. Only one adapter should be powered on at a time while configuring in case they were previously paired. The adapter is normally shipped at 19200 baud, No Parity, 8 data bits. To be sure, while powered, use a paper clip and gently hold down the reset switch for 5 seconds to return the adapter to factory state.

2. Run Hyperterm to configure the adapter.
3. Type Direct to COMx where x is the port you have the adapter on. Then Click OK.

4. Scroll to the COM port you are using in the **Connect using**: field and click OK.
5. Set the parameters as follows and click OK.

![COM6 Properties dialog box](image_url)
6. Configure each Wireless Serial Adapter (HDWBTRS232) as follows
   a. Use a paper clip and gently depress the reset button for about 5 to 8
      seconds to hard reset adapter.
   b. Software reset the adapter (ATZ0)
   c. Give it a Name (ATN=SerialAdap001)
   d. Set adapter to slave mode (ATR1)
   e. Set adapter to discoverable mode (ATH1)
   f. Set adapter PIN (ATP=1234)
   g. Remove any other Bluetooth address (ATD0)

7. If you are using an external USB Bluetooth dongle, insert it now. It should be
   recognized by Windows XP SP2 and the Bluetooth icon should appear
8. Double click the Bluetooth Icon in the system tray.

9. Click on the Add button.
10. Select My device is set up and ready to be found and click next.
11. Click on **Search Again**, select the serial adapter, and then click **Next**.
12. Select the radial button *Use the passkey found in the documentation*. Then click
13. Note the COM ports created. Only the Outgoing COM port is needed. Click **Finish**. You may delete the incoming COM port from the COM port tab.

![Add Bluetooth Device Wizard](image)

Completing the Add Bluetooth Device Wizard

The Bluetooth device was successfully connected to your computer. Your computer and the device can communicate whenever they are near each other.

These are the COM (serial) ports assigned to your device:
- Outgoing COM port: COM6
- Incoming COM port: COM7

Learn more about [Bluetooth COM ports](#).

To close this wizard, click Finish.

14. To test the installation, open a new Hypertrm window as done in steps 2 through 4 on the Outgoing COM port created by the Bluetooth Wizard. Everything you type should appear in the Hypertrm window opened above. It is assumed this setup is performed on one computer.