

Guide for Remote Control PDA

For Use with Bluetooth and a PC Running Windows XP



Table of Contents

A. Required Parts.....	3
B. PC Software Installation.....	3
C. ActiveSync Software Configuration	4
D. Testing the Software Configuration & Physical Connection Test	4
E. Establish Wireless Bluetooth Connection between PDA and PC.....	5
Appendix A Quickstart Guide	8

A. Required Parts

NOTE: ActiveSync and MyMobiler are freeware available online.

- HP PDA 21XX-27XX Series
- PC Running Windows XP (can be used as a general guide for Windows Vista or 7)
- Bluetooth transmitter/receiver (a Bluetooth USB 2.0 Dongle can be used)
- Software to setup Bluetooth device, provided with the purchase of the device
- Microsoft ActiveSync 4.5, a Windows Mobile interface application
- MyMobiler, a remote control application

B. PC Software Installation

1. **INSTALL** Bluetooth device using software and instructions provided by the manufacturer.

NOTE: The device will need to be configured as a Local Service Bluetooth Serial Port. Note the COM port that is assigned. Assigned COM port can be found under Ports within Device Manager, in Microsoft Windows Control Panel and Hardware System Properties. All other services, such as Headset, are not necessary and could cause connectivity issues.

2. **INSTALL** Microsoft ActiveSync.
 - a. **GOOGLE** Microsoft ActiveSync.
 - b. **CLICK** download Microsoft ActiveSync 4.5 link in Google results.
 - c. **FOLLOW** logical links on Microsoft's website.
 - d. **CLICK** Accept and Download after agreeing with Microsoft Software License terms.
 - e. **SAVE** setup.msi file to a known location such as Windows Desktop.
 - f. **RUN** installer and **FOLLOW** Microsoft's instructions for proper install.
3. **INSTALL** MyMobiler.
 - a. **GOOGLE** MyMobiler.
 - b. **CLICK** Windows Mobile – My Mobile link in Google results.
 - c. **CLICK** download MyMobiler (Setup) from MyMobiler website.
 - d. **SAVE** MyMobiler.exe file to a known location such as Windows Desktop.
 - e. **RUN** installer and **FOLLOW** MyMobiler instructions for proper install.

NOTE: Upon successful installation of each necessary software component, a corresponding software icon should display within the system tray (Figure 1).

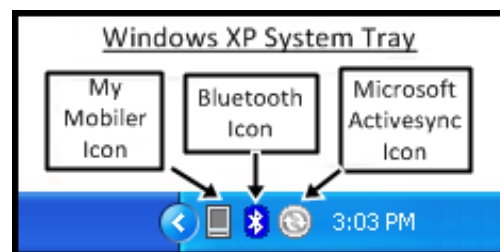


Figure 1

C. ActiveSync Software Configuration

NOTE: Microsoft ActiveSync should be configured with the COM port assigned during the Bluetooth device setup.

1. **DOUBLE-CLICK** Microsoft ActiveSync icon (Figure 1). Microsoft ActiveSync window should open as shown in Figure 2.
2. From *File* menu, **SELECT** *Connection Settings* (Figure 2). Connection Settings window should open.
3. **ENSURE** all option boxes are checked (Figure 3).
4. **ENSURE** *Automatic* is selected (Figure 3).
5. **SET** COM port to port assigned in Step B1.

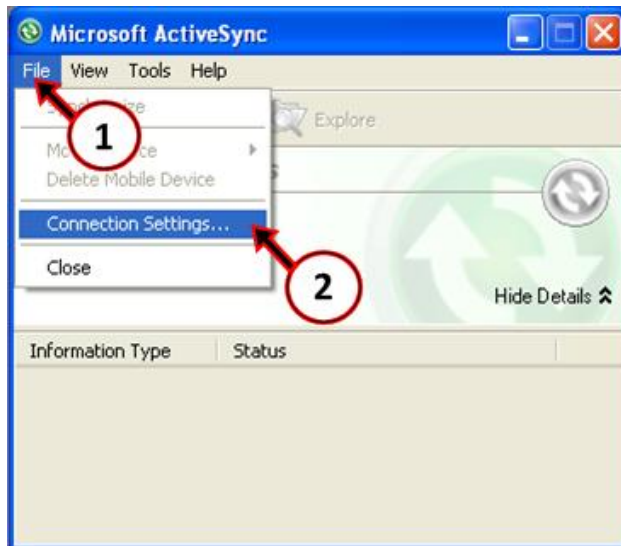


Figure 2

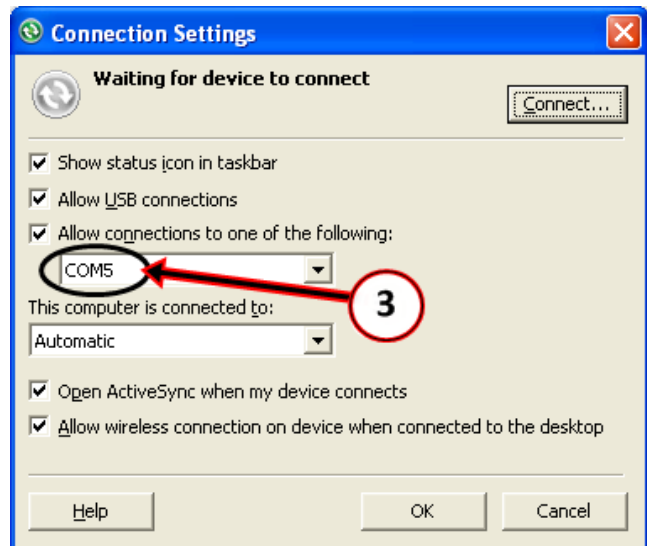


Figure 3

D. Testing the Software Configuration & Physical Connection Test

NOTE: Before attempting a Bluetooth connection, it's a good practice to ensure that the software is correctly configured. Test a physical USB serial connection using the supplied HP PDA cradle.

6. **PLUG** USB cable (connected to HP PDA cradle) into the PC.
7. **PLACE** PDA in cradle.
8. **TURN ON** power to PDA.
9. **ENSURE** that the ActiveSync system tray icon turns green (indicating connectivity) and a Synchronization Setup Wizard screen (Figure 4) displays. **DO NOT CLICK NEXT.**
10. **CLICK** *Cancel*. The PDA will connect to ActiveSync as a Guest. The ActiveSync window can be left alone or minimized.

11. **RIGHT CLICK** *MyMobiler* icon (Figure 1) and **SELECT** Open Mobiler (Figure 5). My Mobiler will automatically install communication protocol to PDA and will open remote control program in PC (Figure 6).

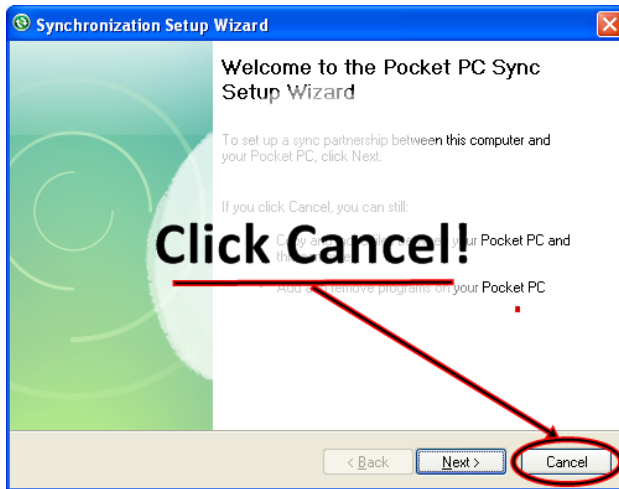


Figure 4

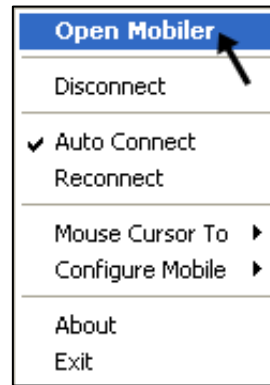


Figure 5

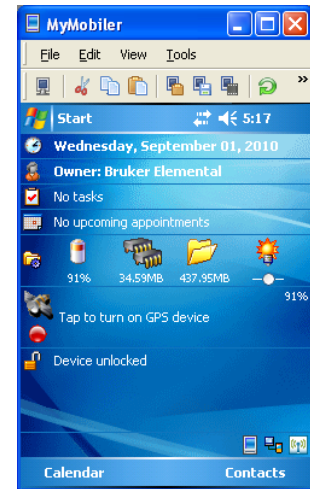


Figure 6

E. Establish Wireless Bluetooth Connection between PDA and PC

12. Starting from Windows Today screen, **TAP** *Wireless* icon (Figure 7) to open iPAQ Wireless.
13. **ENSURE** Bluetooth has been turned on:
 - a. Bluetooth icon should be green (Figure 8).
 - b. Blue LED at upper-left of PDA should blink.
14. **TAP** *Manager* (Figure 8) to open Bluetooth Manager.
15. **TAP** *New* (Figure 9) to create a new shortcut to open the *Connection Wizard*.
16. **TAP** *ActiveSync via Bluetooth* (Figure 10).
17. On *Prepare the Computer* screen #1, **TAP** *Next* (Figure 11). The screen gives details of configuration set in Sections B and C.
18. On *Prepare the Computer* screen #2, **TAP** *Next* (Figure 12). The screen gives details of configuration set in Section C.



Figure 7

NOTE: The following steps must be completely quickly. See important warning message on next page.

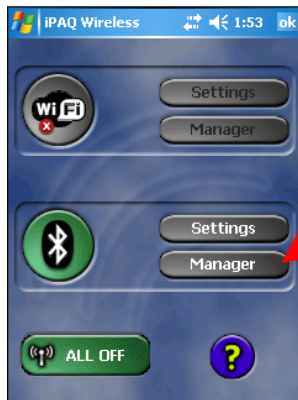


Figure 8

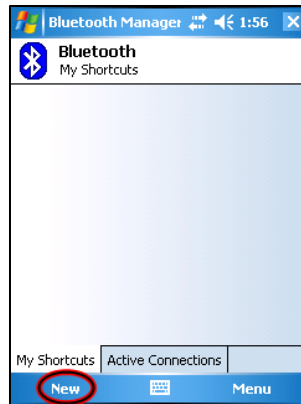


Figure 9



Figure 10



Figure 11



Figure 12

IMPORTANT: Read following instructions carefully. These next steps will pair the devices with a passkey and must be completed within 30 seconds of initiating the prompt.

- When prompted, a passkey must be entered and will be required when re-opening the Bluetooth connection.
- Save your passkey in a safe location.
- Prior to beginning this section, choose a passkey and save it in a safe location. The passkey may be any series of numbers or letters (for example 1234).

19. The Bluetooth Connection Wizard will search for active Bluetooth devices. **LOCATE** your device and **TAP** it (Figure 13).
20. The *Shortcut Creation Completion* screen opens, **TAP** finish to accept default name (Figure 14).
21. Authentication will ask for a passkey. **ENTER** a passkey and **TAP** OK when finished (Figure 15).



Figure 13



Figure 14

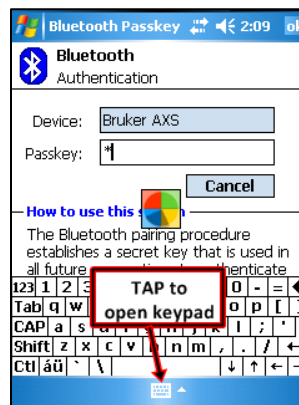


Figure 15

NOTE
These steps must be completed quickly.

22. A bubble (Figure 16) will pop up at the Bluetooth icon of the PC's system tray. **CLICK** the bubble to proceed with the connection. If delayed approximately 30 seconds or more, the connection will fail. If failed, **TAP OK** and the **TAP** created shortcut again to repeat the previous steps.

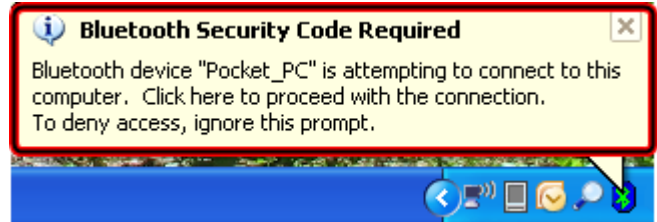


Figure 16

23. On the PC, a Bluetooth Security Setup window (Figure 17) will appear. **ENTER** the passkey selected in the previous steps and **CLICK Next**.



Figure 17

24. On the PC, a Bluetooth Service Selection window will appear. **ENSURE** that the ActiveSync is the selected service.

25. **CLICK Finish** to complete the Microsoft ActiveSync connection (Figure 18).

NOTE: The following steps can be compared with those as found in section D, 4-6. The connection is now being completed wirelessly.

26. My Bluetooth Places window will appear. **CLOSE** the window; it is not needed.

27. **RIGHT CLICK** My Mobiler icon (Figure 1).

28. **SELECT** Open Mobiler (Figure 5). My Mobiler will automatically install communication protocol to PDA and will open remote control program on PC.

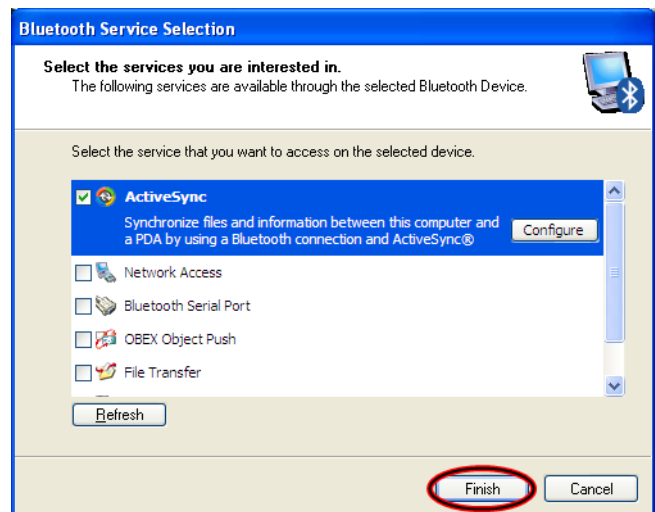


Figure 18

Appendix A Quickstart Guide

NOTE: After PDA and PC have been paired for the first time, assuming all settings are still alive and active, remote control of the PDA is as simple as 1, 2, 3! See below.

