

# Scanner Wedge for Windows Mobile v2.0

## Software User Guide

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## Installing Scanner Wedge Software

Scanner Wedge is a software program that runs on your Windows Mobile device, communicates with your scanner, and forwards scanned bar codes into other programs on your device. Scanner Wedge makes other programs accept scanned bar codes as if the numbers had been entered from the device keyboard.

Once you have downloaded the Scanner Wedge installation software onto your PC, you are ready to install.

1. Using the instructions included with your scanner, find the Setup.exe file and copy it onto your computer.
2. Make sure your PC has ActiveSync software installed so it can connect to your Windows Mobile device. (ActiveSync can be found on the CD that came with your Windows Mobile device, or it can be downloaded free from Microsoft's Web site.)
3. Connect your Windows Mobile device to your PC using ActiveSync.
4. Launch the setup.exe file.
5. Complete all the steps of the installation wizard.

On your Windows Mobile device tap **Start**, then **Programs**, then **Scanner Wedge** to launch the software.

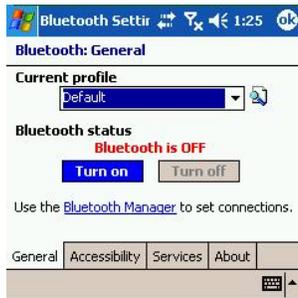
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## Activating the Scanner Connection

This section describes how to use the Scanner Wedge software on your Windows Mobile device to establish a connection with your scanner.

1. Make sure the Bluetooth status on your Windows Mobile device is on. Please refer to your device's user manual to learn how to turn on Bluetooth.

**NOTE: Do not pair the scanner with the device at this time. This will be done using the Scanner Wedge interface.**



*Example: Windows Mobile 5.0 Bluetooth settings screen*

2. Launch Scanner Wedge software by tapping **Start**, then **Programs**, then **Scanner Wedge**.



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**NOTE:** When prompted for a key to register the software, use the key number printed on your Software Download card. Include the hyphens and match capitalization. If alphanumeric, notice that a number is always followed by a letter and a letter by a number.

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3. Open the Connections screen by tapping **Tools** then **Connections**.



- Put the scanner into Discoverable Mode by pressing the button on the scanner.

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**NOTE:** By pressing the button on the scanner, it will enter **Discoverable mode**, indicated by the green light blinking twice every two seconds. The scanner **must** be in discoverable mode to connect to Scanner Wedge.

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- Tap **Find Scanners**. When the scanner is found, its Device ID will appear near the top of the screen. If more than one scanner is found, tap the scanner ID you wish to connect to.



- Select the scanner to connect to, and tap **Activate**. When the connection authentication screen appears requesting a passkey, enter **0000** (four zeroes) and tap **OK** or **Next**.



- A message will appear indicating that Scanner Wedge is activated and the scanner is connected. To minimize Scanner Wedge, tap **Ok** or the **X** at the top of the screen.



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**NOTE:** When Scanner Wedge is “**Activated**”, it will attempt to maintain a connection with the scanner at all times. If the scanner falls asleep, goes out of range, or disconnects for any reason, Scanner Wedge will attempt to reconnect until successful.

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**TIP:** Click the **Options** tab and select “Activate Scanner Wedge on application start-up”. Then you will not need to repeat this section if you reset your device.

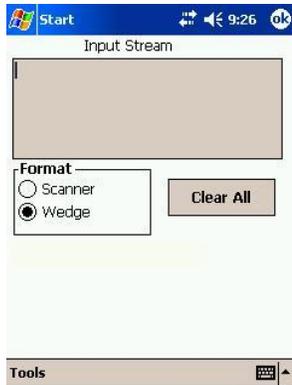
8. If you want to Exit Scanner Wedge, tap **Tools** then **Exit**.

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## Tracing Scanner Output

Use the Trace screen to view bar code data as it is received from the scanner.

1. Open the Connections screen by tapping **Tools** then **Connections**. Make sure that Scanner Wedge is Activated and the scanner is connected (see previous section if necessary to activate the connection).
2. Open the Trace Screen by tapping **Tools** then **Trace**.

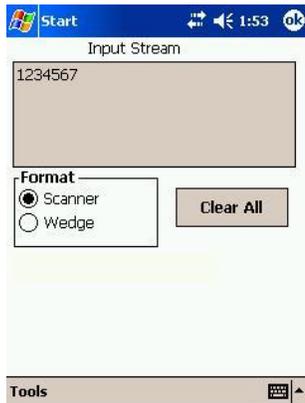


3. Tap the **Scanner** option under Format to see the raw bar code data as it is received from the scanner.

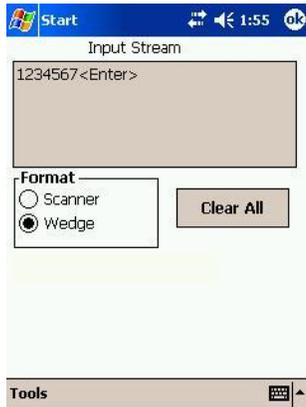


**Sample Bar Code: 1234567**

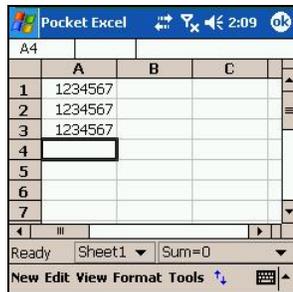
4. Print this page and scan the bar code above. The bar code will appear within the Input Stream field.



5. Tap the **Wedge** option to see the bar code data as it will be output by Scanner Wedge into another application. In the example below, Scanner Wedge is appending <Enter> to the end of each bar code.



6. From the main Windows Mobile screen tap **Start**, then **Programs**, then **Excel Mobile (Pocket Excel on some devices)**.
7. In a new Excel workbook with a cell selected, scan the sample bar code three times and watch the numbers populate the spreadsheet.



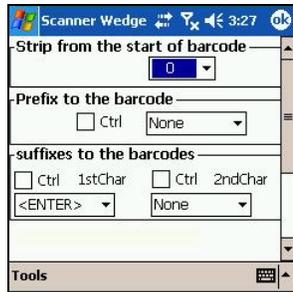
The next section explains how you can modify the format of the data for your application.

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## Formatting Output

Scanner Wedge receives bar code data from the scanner and forwards it to other applications you might use, such as Microsoft Excel. You can customize the format of the data received by your application using the Format screen.

1. From the Scanner Wedge **Tools** menu, tap **Format**.



2. **Strip from the start of barcode:** This option allows you to delete zero to five characters from the beginning of the bar code. If you select 3, for example, the program strips the first three characters from the bar code before transmitting it to an application.
3. **Prefix to the barcode:** This option allows you to insert a keyboard character before entering a bar code. Tap in the box and type any character.
  - To insert a special character, select a special character from the drop-down list. For example, select **<Enter>** to add an Enter key at the beginning of each bar code.
  - To add a **<CTRL>** command to the prefix character, click the **Ctrl** check box. For example, you could use this feature to launch a macro (before your bar code data is entered) in your application by sending the non-printing character **<CTRL>+M**.
4. **Suffixes to the barcodes:** Similar to Prefix Characters, suffix characters instead append the bar code with up to two characters. Tap in the box and type any character.
  - To append a special character, select a special character from the drop-down list. For example, select **<Enter>** to add an Enter key to the end of each bar code.
  - To add a **<CTRL>** command to a suffix character, click the **Ctrl** check box. For example, you could use this feature to launch a macro (after your bar code data is entered) in your application by sending the non-printing character **<CTRL>+M**.
5. To save these option settings and close the window, tap **OK**.

To test your Format selections, tap **Trace** on the Tools menu and scan some bar codes with the Wedge option selected.

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## Selecting Start-up Options

On the Options screen you can specify whether you want Scanner Wedge to automatically start up, activate, and/or run minimized.



1. To enter the Options screen, tap **Tools** then **Options**.
2. To automatically activate Scanner Wedge when started, select the first checkbox: “Activate Scanner Wedge on application start-up”. When active, Scanner Wedge will connect (if scanner is in Discoverable Mode), maintain connection, and attempt to reconnect if the scanner has disconnected.
3. To automatically launch the Scanner Wedge software when you start your Windows Mobile device, select the second checkbox: “Start application on computer start-up.”
4. To minimize Scanner Wedge to the system tray when it starts, select the third checkbox: “Minimize window on application startup.”
5. To save the options you have selected and close the screen, tap **OK**.

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## Tips and Troubleshooting

This section contains information to help you with issues you might encounter while using your Scanner Wedge software.

### Installation Issues

**Issue:** The software is not on my device.

**Resolution:** Make sure that your device is connected to your computer via ActiveSync. Within ActiveSync, click **Tools** then **Add/Remove Programs**. If Scanner Wedge exists in the list, delete it and run the setup.exe again.

### Configuration Issues

**Issue:** You selected the option “Activate Scanner Wedge on application startup,” but the software does not automatically connect to the scanner on startup.

**Resolution:** If the window displays “Scanner Not Connected,” press the button on the scanner to put it in Discoverable Mode. It will auto-reconnect.

### Connection Issues

Problems related to the connection from the scanner to your mobile device.

**Issue:** I receive the error “No Scanners found”.

**Resolution:** Make sure the scanner is in Discoverable Mode (green light is double blinking every two seconds) – if it isn’t, press the button on the scanner. Also, make sure the Bluetooth is on and active on your device (most devices have a blue LED that will blink if Bluetooth is on).

**Issue:** The software does not receive any data from the scanner.

**Resolution (cordless scanner):** Make sure the Scanner Wedge software is Activated and Registered (tap **Tools** then **Registration**, it should read “Registered”). Also, make sure the scanner is not disconnected (green LED is double blinking). If it is not disconnected, check to make sure that “Scanner Wedge is Activated, Scanner Connected” on the **Connections** screen. Also, make sure the Bluetooth is on and active on your device (most devices have a blue LED that will blink if Bluetooth is on).

### Resetting the Scanner

Reset the scanner by pressing and holding the button for about 10 seconds until it has beeped twice. When you release the button it will beep again if it has reset successfully.

### Still having trouble?

Please contact your reseller for additional support.

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