



# WLR8950

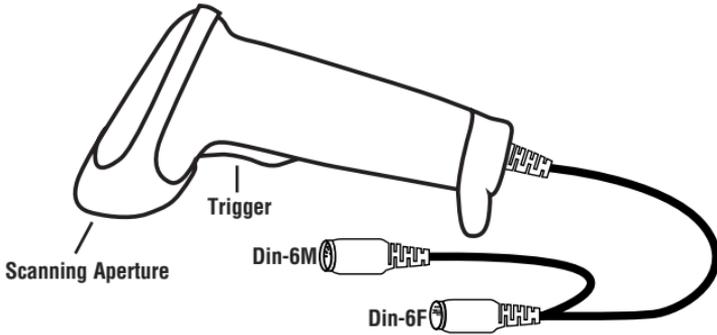
## Quick Start Guide

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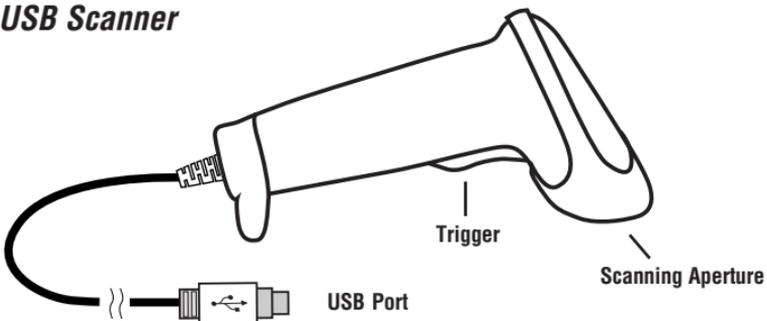
# Installation

## *PS2 Scanner*



1. Turn off your computer.
2. Unplug your PC keyboard cable and plug the male end (Din 6) of the WLR8950 Scanner directly into your PC keyboard port. Plug your keyboard cable into the other end (female Din 6) of the the scanner.
3. Turn your computer on.

## *USB Scanner*

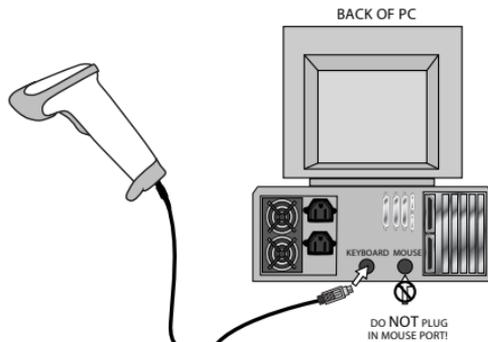
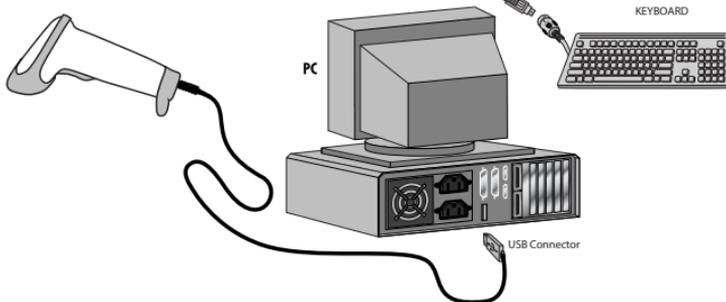


1. Plug the USB of the WLR8950 Scanner directly into your PC's USB port.

Your Wasp WLR8950 Scanners are ready for use. The default settings of the scanners have been pre-programmed for the most common barcode configurations. Use the “WLR8950 Setup & Configuration” sections only to customize the scanners settings. Please review the “Enable Barcode Symbologies” configuration in the WLR8950 User Manual to see the list of barcode symbologies which are enabled by default.

**Tip:**

- Use the “Barcode Test Symbols” section beginning on page 11 as a test chart to practice scanning.

***PS2 Connection******USB Connection***

# Setup & Configuration

In order to configure Wasp WLR8950 Scanners, you must familiarize yourself with the setup procedures on the following pages. The default settings of the Wasp WLR8950 Scanners are identified on each page and clearly marked using an asterisk (\*). **The default settings have been preprogrammed for the most common barcode configurations. Use the Setup & Configuration only to customize the Wasp WLR8950 Scanner settings.** If you need to configure the scanner, the default settings will be overwritten. All the programmed settings are stored permanently in non-volatile memory; therefore, your configuration will be maintained even if the keyboard power to Wasp WLR8950 Scanners is removed by turning off your PC.

***In order to configure Wasp WLR8950 Series Scanners, two basic steps need to be followed:***

- (1) Locate the group that contains the options to be changed.
- (2) Scan the barcode representing the option to be changed.  
The scanner will sound two beeps.

## ***Factory Default***

Use the **Factory Default** barcode to reset the scanner to the default settings.



**Factory Default**

***Auto-Sense Stand Mode and Magnetic Switch***

Scan the Auto-Sense Mode Enable barcode to enable the hands-free autosense feature of the WLR8950 Scanners. To turn this mode “off,” scan the Trigger Only barcode.



**Auto-Sense Mode Enable**



**Trigger Only**

Magnetic Switch is available after activating Auto-Sense Stand Mode.

- The Magnetic Switch is automatically activated when Auto-Sensing Mode is on.
- To enable Magnetic Switch, the scanner should be paired with an Auto-Sense Stand to perform the Auto-Sensing function.
- When Magnetic Switch is disabled, the scanner will perform the Auto-Sensing function without an Auto-Sense Stand.



**Magnetic Switch On**



**Magnetic Switch Off**

## ***Keyboard Connection***

The Keyboard Connection is used to program the Wasp WLR8950 Scanners for the type of computer to which it is attached.



**PC (USB or PS/2) \***



**Notebook**

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## ***Interface Selections***

The Interface Selections barcodes allow you to switch interfaces based on your connection type.

The scanner is designed to switch easily between interface options. To switch from one interface to another, the appropriate cable must be installed. After changing to a new cable, be sure to reset the interface setting.



**USB HID  
Keyboard**



**PS2**

## Cycle Mode

The following settings are supported by bi-color models.



Green > Red



Red > Green



Green > Bi-color



Red > Bi-color

### NOTES:

1. Illumination color will switch back and forth from one to the other when a good read does not occur.
2. Illumination color will remain as the one used at the last good read.

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## Single Mode



Bi-color



Green



Red

### NOTES:

1. Illumination color will remain single

\*Default

- **Caps Lock Auto (For PC XT/AT only):**  
In Auto Trace mode, the scanner will keep track of the Caps Lock status automatically. For some PCs, the scanning performance may be compromised because of the auto tracing. If the scanning performance is poor (or cannot scan) or the scanner cannot output the upper/lower case characters correctly, try to select one of the next two choices instead of auto tracing.
- **Caps Lock Off:**  
When the keyboard is in the unshifted state (Caps Lock is not pressed), select "Lower Case."
- **Caps Lock On:**  
When the keyboard is in the shifted state (Caps Lock is on), select "Upper Case."

**Caps Lock On****Caps Lock Off \*****Caps Lock Auto**

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## ***Beep Settings***

The 'Beep' configuration supports the general control options for the Wasp WLR8950 Scanners. The High, Low and Med settings refer to the tone of the beep, not the volume.

**Beep Off****Beep High****Beep Med\*****Beep Low**

\*Default

The 'Keyboard Language' setting controls the key codes for your keyboard's language.



**U.S.\***



**German**



**English UK**



**Japan (106 Key Only)**



**Italian**



**French**



**Spanish**



**Czech (QWERTY)**



**Universal Code**



**Swiss**

\*Default

## ***Terminator***

The 'Terminator' option is used to specify the end-of-text message and is primarily used to denote the end of the barcode value.

**CR \*****Tab****None****Space****LF****ESC****CR + LF**

## ***Code ID***

The 'Code ID' option sends a specific value when a particular barcode symbology is scanned. For example, if 'Code ID' is enabled and Code 39 is scanned, an "M" will appear in the data stream in front of the barcode value.

**Code ID On****Code ID Off \***

O - MSI/Plessey	T - EAN 128
S - EAN 8	K - Code 128
E - UPC E	N - Codabar
A - UPC A	D - Full ASCII Code 39
F - EAN 13	M - Std. Code 39
L - Code 93	I - Interleaved 2 of 5

\*Default

Note: Make sure that the appropriate barcode symbology is configured properly and enabled before trying to scan. Use the 'Barcode Symbologies' configuration beginning on page 14 of the User Manual to enable specific symbologies.

Code 39\*



Code 93



Interleaved 2 of 5 \*



Codabar \*



Code 128\*



MSI/Plessey



\*Default

UPC-A\*

UPC-A  
w/5 digit supplementUPC-A  
w/2 digit supplement

UPC-E\*

UPC-E  
w/5 digit supplementUPC-E  
w/2 digit supplement

\*Default

EAN/JAN-13\*



EAN/JAN-13  
w/5 digit supplement



EAN/JAN-13  
w/2 digit supplement



EAN/JAN-8\*



EAN/JAN-8  
w/5 digit supplement



EAN/JAN-8  
w/2 digit supplement



\*Default

# **Wasp Barcode Technologies**

1400 10th Street

Plano, TX 75074

[www.waspbarcode.com](http://www.waspbarcode.com)