



## Laser Scanner Tips (Self-Triggering, Wedge Interface)

Please read these instructions prior to installing and connecting the laser scanner to your point of sale system.

### Introduction:

These instructions pertain to “self-triggering” laser scanners with built-in “wedge” interface. Scanners with this type of interface attach to the keyboard port of most PC-compatible system units and draw power (~165 ma) from the system unit keyboard connector. Data scanned from a bar code is sent to the keyboard input of the computer, just as though it were entered by typing it from the keyboard.

### Mounting Location:

Evaluate the mounting location and orientation of your scanner stand. Your laser scanner automatically senses movement at the face of the scanner, turning on a small motor and laser light source each time movement is detected near the face of the scanner. You can extend the life of the scanner motor by orienting it so that it will not “false” trip. When set in it’s stand, the face of the scanner should be oriented down towards the countertop or floor so that tripping is kept to a minimum. You may have to experiment to find a “good” location and orientation. DO NOT orient the face of the scanner so that the beam can be viewed directly by a person’s eyes.

### Bar Code Symbologies:

As shipped, the scanner will read most bar code symbologies and automatically provide a carriage return character to the host at the end of the bar code data. If your host program requires special programming variations, consult the scanner manual for instructions on programming the scanner.

### Installation:

1. Prior to attaching the scanner to your computer, make sure the computer power is OFF and the computer power connector is unplugged from the power source. (Observe this precaution whenever you attach or disconnect ANY data cable from your computer).
2. Disconnect the keyboard plug from the rear of the computer.
3. Plug the keyboard plug (disconnected in step 2, above) into the appropriate mating jack on the scanner.

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4. Plug the scanner plug into the computer keyboard jack (The jack which was left empty when you removed the keyboard plug in step 2, above).

Windows Driver:

No driver required. The scanner attaches to and emulates a standard PC keyboard. Scanned data is applied to the keyboard port of the computer, just as though it was entered from the keyboard.

Operation:

Operation in the stand: As small items are “introduced” to the front of the laser scanner, the scanner will automatically sense the presence of an object and the laser will power up. Once powered up, the vertical bars of the bar code should be aligned perpendicular to the red laser beam as the tag or item is moved closer to the red beam. The scanner will “beep” when the bar code is successfully read.

Removing the scanner from the stand: When scanning large or bulky items which may be difficult to present to the scanner, the scanner can be removed from the stand by grasping the lower, slim handle portion of the scanner and pull away from the stand. The scanner is “self-triggering.” To scan the item, slowly approach the bar code and the scanner will automatically power up. Align the vertical bars of the bar code perpendicular to the red laser beam as you approach the bar code label. The scanner will “beep” when the bar code is read successfully.

“Cheat sheets” and catalog scanning: When using the scanner for items from a catalog or sheet of bar code labels, follow the instructions for “Removing the scanner from the stand” above. Since the scanner is self-triggering, introduce the beam of the scanner perpendicular to the side edge of the page and continue moving the beam inward toward the bar code until the “beep” is heard.

Care and Maintenance:

Occasionally clean the face of the scanner (the red lens) with a non-abrasive, lint free tissue (Kim Wipes™ or tissue used to clean eyewear) to maintain “read reliability.” Frequency of cleaning depends on the scanner environment. It is recommended that you first power down the computer to keep from triggering the scanner unnecessarily. DO NOT use solvent cleaners on the lens.

Your scanner is a precision instrument. While it is not exceptionally fragile, it will fail if subjected to abuse. Do not unnecessarily drop it, shake it, jar it, or use it as a “tool.” The scanner is not weatherproof - use indoors ONLY.