Application Note 102

Operating a bar code wand

To ensure successful bar code scanning with a wand, follow these steps:

- 1. Hold the wand like you would a pencil in a comfortable position. The wand will read when held anywhere from 0 to 45 degrees from vertical, but optimum performance is achieved when the wand is tilted between 10 and 30 degrees.
- 2. Begin by scanning the white margin at either side of the bar code symbol. Swipe the wand smoothly and lightly through the entire symbol from margin to margin, as though drawing a line through the bar code with a pen.
- 3. If the read was successful a single beep and flash of the status indicator will occur. If not, check these points:

a) Was the wand smoothly scanned across the entire bar code symbol at a relatively constant speed? Try different speeds.

b) Is the wand being held at the correct angle?

c) Is the bar code symbol damaged, dirty or worn such that the wand may not scan?

d) Is the wand tip damaged? If so, replace the tip.