

# Telxon 510/610 Diagnostics Procedure

Always use good "AA" alkaline batteries when testing.

Make it a habit of making sure that unit powers on before taking it apart or starting any diagnostic test.

There are 2 OS (operating systems) commonly used with the 510/610 units.

TCAL and DOS. If the unit has a DOS OS install a TCAL OS to perform the diagnostics test.

## TCAL DIAGNOSTICS:

Press and hold the (-) minus and ENTER keys then press the ON/OFF key till you see the OS prompt (example: 62>)

At the OS prompt press the 6 key

At TP\_\_ press the ENTER key till you see the 610SFT.X file.

Press and hold the 3 key for 3 beeps, this will load the diagnostics file and display the diags MAIN MENU.

We perform 3 test:

Keypad, Wand and Memory

```
TELXON 610 DWNLD
DIAGS      VER.1.4
MAIN MENU
SELECT (A-M)
```

Press B for the Keypad test:

```
PRESS ANY KEY
MINUS KEY – EXIT
```

Each key will beep when pressed. You don't have to press the ON/OFF key and press the (-) minus key last to exit to the MAIN MENU.

Press G at the MAIN MENU for the wand/scanner test.

```
* WAND TEST *
M – MANUAL SETUP
ENTER – DEFAULTS
OF CODE 39 & UPC
```

Press the ENTER key

```
* WAND TEST *
WAND PARAMETERS
M – MANUAL SETUP
ENTER – DEFAULTS
```

Press the ENTER key

```
* WAND TEST *
P – Pencil Wand
L – Laser Wand
```

If the customer uses wands press P  
If scanners press L

\* WAND TEST \*

END – TO EXIT  
LABEL =

The wand will scan UPC barcodes. Once a barcode is scanned the wand will turn off.  
Press the ENTER key to scan again.  
Press the END key to exit to the MAIN MENU.

Press K at the MAIN MENU for the memory test.

\* RAM TEST \*  
WARNING – TEST  
DESTROYS MEMORY  
“END” – RUN TEST

Press END

\* RAM TEST \*

MEM SIZE = \_\_\_\_  
PRESS ANY KEY

Press ENTER

Unit will display:  
TEST DATA AREA  
Then  
TEST SPAD AREA

When the unit finishes the memory test (and the memory is good) it will display MEMORY OK. It will also sound a loud tone which you have to turn off manually by pressing the ENTER key. The unit will shut off.

When you turn the unit back on it will load the customer's file automatically from the ARC chip. If the customer's program doesn't load automatically after a memory test then you have to load it manually.

To load the customer program manually:

Press and hold the (-) minus and ENTER keys the press ON/OFF key till you see the OS prompt.

At the OS prompt press 6

AT TP\_\_ enter 59 then press the ENTER key

This will display the customer's program file (EXAMPLE: BIG BEAR . Y)

(this first .Y file is the customer program)

Press and hold the 3 key for 3 beeps to load the customer file.