



Introduction

CAUTION

Be aware of the following:

- When an IEE® customer display is used, the scanner will be operating at the 9600 baud rate.
- When an Ultimate Technology® customer display is used, the scanner will be operating at the 1200 baud rate.
- For Datalogic DLL2020 scanners, refer to MDE-4389 Setting Up Datalogic DLL2020 Bar Code Scanner Used on Profit Point Terminal.

Your bar code scanner has been programmed at the factory and should be ready to operate. This document contains a verification sequence that allows you to determine whether your scanner is programmed correctly and a programming sequence to follow if it is not programmed correctly.

Setting Up the Scanner

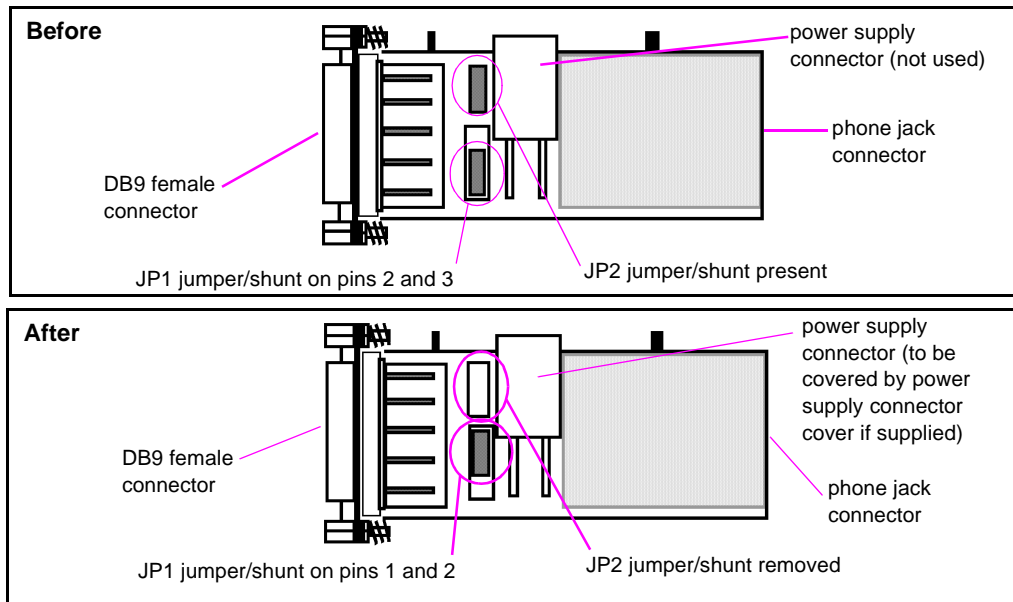
- 1 Turn off power to the Profit Point POS terminal.
- 2 Unplug the AC power to the POS distribution box power supply.
- 3 Remove the scanner power supply from the shipping box and discard per local practice.

CAUTION

Before proceeding, make sure the Metrologic® Connector Adapter (MCA) is not connected to the scanner, communication cable, or host.

- 4 Open the MCA cover, make the following changes, then close the cover.
 - Remove jumper/shunt from JP2 and discard (see **Before** in [Figure 1](#)).
 - Move jumper/shunt from JP1 pins 2 and 3 (see **Before** in [Figure 1](#)) to JP1 pins 1 and 2 (see **After** in [Figure 1](#)).
 - If contained in shipping box, place power supply connector cover on power supply connector on MCA (see **After** in [Figure 1](#)).

Figure 1: Required Changes Inside the MCA



- 5 Insert the phone jack end of the scanner cable into the phone jack connector on the MCA ([Figure 1](#)).
- 6 Use the cable supplied with the scanner to connect the DB9 connector on the MCA ([Figure 1](#)) to the SCANNER port on the POS distribution box.
- 7 Plug in the POS distribution box power supply.
- 8 Turn on the Profit Point POS terminal.
When you turn on the power to the Profit Point POS terminal, follow the instructions on the screen. The Profit Point terminal will then initialize and begin POS operations.

Performing Verification Sequence

While in Point-of-Sale operations, scan an item. The scanner should beep when the item is scanned.

- If the correct item description appears on the screen, the scanner is programmed correctly.
- If the message “# not on file” appears and the number shown on the screen matches the number under the scanned bar code, the scanner is functioning correctly, but the bar code cannot be identified. The display may not show the first or the last digit printed on the item. Press CLEAR MENU to cancel the item entry.
- If the screen does nothing or displays “Data Error on Scanner Port” or “Item Entry Error,” repeat the scan. If the same message displays, the scanner may be programmed incorrectly. Proceed with “[Programming Sequence](#)” on page 3.

Note: The first time the scanner is turned on, the first scan may produce the error message “Data Error on Scanner Port” even if the scanner is programmed correctly.

Programming Sequence

Instructions

- 1 Scan the bar code in [Figure 10](#).
- 2 Scan the bar codes one at a time and in the order given in the following table.
Note: When scanning the bar codes in [Figure 2](#) through [Figure 9](#), it may help to rotate them.

| Scan Order | Customer Display Manufacturer | |
|------------|-------------------------------|--------------------------|
| | IEE | Ultimate Technology |
| 1 | Figure 2 | Figure 2 |
| 2 | Figure 3 | Figure 3 |
| 3 | Figure 4 | Figure 4 |
| 4 | Figure 5 | Figure 6 |
| 5 | Figure 7 | Figure 7 |
| 6 | Figure 8 | Figure 8 |
| 7 | Figure 9 | Figure 9 |

Each bar code has a page number in a note under it that corresponds to the hard copy page in MLPN 2186 Metrologic® ScanSelect® Scanner Programming Guide included with the scanner. If the bar code can not be read from [Figure 2](#) through [Figure 10](#), use the programming guide.

Note: A PDF version of MLPN 2186 Metrologic ScanSelect® Scanner Programming Guide is available at the following URL.

<ftp://ftp.metrologic.com/pub/download/productmanuals/00-02186.pdf>

- 3 Exit program mode by scanning in the bar code in [Figure 10](#).
- 4 The scanner should now be properly programmed. Repeat the “[Performing Verification Sequence](#)” on [page 2](#) to ensure proper programming.

Note: If after following all these instructions, the scanner still does not work, it may be connected incorrectly or the Profit Point POS terminal may not be configured correctly. Repeat “[Setting Up the Scanner](#)” on [page 1](#). See the Hardware Configuration section in MDE-4356 Profit Point Reference Manual to determine if the Profit Point POS terminal is configured correctly.

Bar Codes

Figure 2: Load Defaults



Note: If necessary, refer to MLPN 2186 page iv or un-numbered last page.

Figure 3: Enable RS-232 Mode



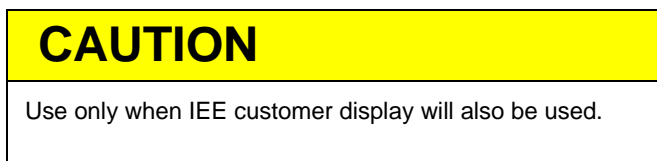
Note: If necessary, refer to MLPN 2186 page B-1.

Figure 4: Set Space Parity



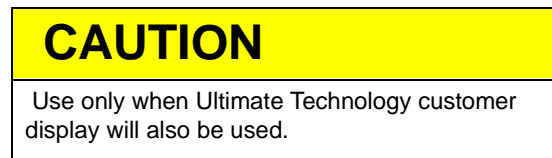
Note: If necessary, refer to MLPN 2186 page E-1.

Figure 5: Set 9600 Baud Rate



Note: If necessary, refer to MLPN 2186 page E-2.

Figure 6: Set 1200 Baud Rate



Note: If necessary, refer to MLPN 2186 page E-3.

Figure 7: Set 7 Data Bits



Note: If necessary, refer to MLPN 2186 page E-4.

Figure 8: Disable RTS/CTS Handshaking



Note: If necessary, refer to MLPN 2186 page E-14.

Figure 9: Disable XON/XOFF Handshaking



Note: If necessary, refer to MLPN 2186 page E-15.

Figure 10: Enter/Exit Program Mode



Note: If necessary, refer to MLPN 2186 page iii or un-numbered next-to-last page.

IEE® is a registered trademark of Industrial Electronic Engineers, Inc. Metrologic® and ScanSelect® are registered trademarks of Metrologic Instruments, Inc. Ultimate Technology® is a registered trademark of Ultimate Technology Corporation.



© 2005 Gasboy International Inc.
7300 West Friendly Avenue • Post Office Box 22087
Greensboro, North Carolina 27420
Phone (336) 547-5000 • <http://www.gasboy.com> • Printed in the U.S.A.
MDE-4354 Setting Up Metrologic® MS6720 Bar Code Scanner • August 2005