SERIAL DATA DOT MATRIX PRINTER
FOR THE MX•CAL™ AND V•CAL™ CALIBRATION STATIONS

Part Number: 17146978
Version Number: 3.0
Release Date: September 2015
Unpacking the Printer

The table below lists components and part numbers of accessories and peripheral equipment used with the Printer.

Table 1. Printer Components

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>18107763</td>
<td>Serial Data Dot Matrix Printer</td>
</tr>
<tr>
<td>1</td>
<td>17146978</td>
<td>User Manual</td>
</tr>
<tr>
<td>1</td>
<td>17135518</td>
<td>Extra Paper Roll</td>
</tr>
<tr>
<td>1</td>
<td>17153717</td>
<td>Cable with Ferrite Clamp Assembly</td>
</tr>
</tbody>
</table>

Warnings and Cautionary Statements

⚠️ **WARNING:** Read and understand this manual before operating.

⚠️ **CAUTION:** Disconnect power to the Calibration Station prior to connecting the printer.

⚠️ **CAUTION:** Do not print when there is no paper and/or ribbon; this leads to rapid deterioration of the headpin.

⚠️ **CAUTION:** Do not put objects inside the printer.

⚠️ **CAUTION:** Do not pull the printer carriage manually when the printer is ON.
Connecting the Cable Assembly

Disconnect power to the calibration station.

Attach the cable to the printer and the calibration station ONLY as shown below. This ensures the correct orientation of the ferrite clamp.

1. Locate the cable connector that is closest to the ferrite clamp. Attach this connector to the printer.
2. Attach the other connector to the calibration station.

Power-on and Self-test

When the calibration station is powered-on, the connected printer will automatically power-on. To execute the self-test, press and hold the FEED key (B) while the printer is powering-on. When the self-test is completed, the printer will print “PRINTER READY”, indicating that it is ready to receive data.
LED Indication

<table>
<thead>
<tr>
<th>Status</th>
<th>POWER</th>
<th>PRINT</th>
<th>PAPER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off-Line</td>
<td>Off</td>
<td>Off</td>
<td>Off</td>
</tr>
<tr>
<td>On-Line</td>
<td>On</td>
<td>Off</td>
<td>Off</td>
</tr>
<tr>
<td>Printing</td>
<td>On</td>
<td>On</td>
<td>Off</td>
</tr>
<tr>
<td>Paper Not Loading</td>
<td>On</td>
<td>Flash</td>
<td>-</td>
</tr>
<tr>
<td>Paper Empty</td>
<td>On</td>
<td>Flash</td>
<td>On</td>
</tr>
<tr>
<td>Paper Low</td>
<td>On</td>
<td>-</td>
<td>On</td>
</tr>
<tr>
<td>Error</td>
<td>Flash</td>
<td>Flash</td>
<td>Off</td>
</tr>
</tbody>
</table>

Changing the Paper Roll

1. Open the top cover of the printer and place the paper roll in position, following the arrow, as indicated in Figure 1.

2. Insert the end of the roll in the slit (A) of the print mechanism, and the paper will automatically load after a few seconds.

3. If the paper does not load successfully, press the FEED key (B) so that a few centimeters of paper come out of the printer.

4. Insert the end of the paper into the slit on the top of the printer and close the cover.

5. To complete an interrupted printing process, press and hold the FEED key (B), and then release.
Changing the Ribbon

1. Open the top of the printer and remove the old ribbon cartridge, by pressing down at point (C), as shown in Figure 1.

2. Insert the new ribbon, making sure that it is correctly positioned.

3. Pull the ribbon tight by turning the knurled knob (D) and close the top down again.

4. To complete an interrupted printing process, press and hold the FEED key (B), and then release.

Figure 1
Notes
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