NOTE - FOR SUPPLIER/VENDOR:

- THIS DOCUMENT HAS A TOTAL OF 6 PAGES, INCLUDING COVER SHEET
- ALL PAGES, EXCLUDING COVER SHEET, ARE REQUIRED FOR CUSTOMER INSTRUCTION
- **DO NOT** INCLUDE FIRST PAGE IN ASSEMBLY PACKAGE

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Installation Instruction Form:

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Sheet 1 of 6
Installation Instruction for MT3604-10/12 Numeric Keyboard

Installation

Power Supply

The operating system must be shut down and the device must be disconnected from the electrical supply during installation. If the 8580/90 Vehicle Mount Terminal is equipped with an optional UPS battery, only open the IP65 cable cover after the power LED power has turned off.

The Keypad Bracket can be installed on either side of the 8580/90 vehicle mount terminal. Please refer to instructions below for the installation procedure.

Legend:

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1x Screws M8 x 16mm Hexagon</td>
</tr>
<tr>
<td>B</td>
<td>1x Screws M8 x 12mm Hexagon</td>
</tr>
<tr>
<td>C</td>
<td>1x M8 Spring Washer</td>
</tr>
<tr>
<td>D</td>
<td>Keypad Bracket</td>
</tr>
<tr>
<td>E</td>
<td>Standard Mount Bracket</td>
</tr>
<tr>
<td>F</td>
<td>8580/90 Vehicle Mount Terminal</td>
</tr>
<tr>
<td>G</td>
<td>RAM Mount</td>
</tr>
<tr>
<td>H</td>
<td>1x Screws M6 x 10mm Hexagon</td>
</tr>
<tr>
<td>J</td>
<td>1x M6 Flat Washer</td>
</tr>
<tr>
<td>K</td>
<td>4x Nut Hexagon M4 with washer</td>
</tr>
<tr>
<td>L</td>
<td>Numeric 24 Key Keypad</td>
</tr>
</tbody>
</table>

Figure 1

RIGHT SIDE OF 8580/90 VMT
Step 1:

**Standard Mount Bracket**
For 8580/90 terminals with the Standard Mount Bracket (E) assemble the Keypad Bracket (D) loosely to the 8580/8590 Vehicle Mount Terminal (F) using the M8 x 16 mm Hex screw (A) with the M8 Spring Washer (C). It must be adjusted later (After mounting the Numeric 24 Key Keypad (L)). See Figure 2-1

**RAM Mount**
For 8580/90 terminals with the RAM Mount (G) assemble the Keypad Bracket (D) loosely to the 8580/8590 Vehicle Mount Terminal (F) using the M8 x 12 mm Hex screw (B) with the M8 Spring Washers (C) and also insert the M6 x 10 mm Hex screw (H) with the M6 Flat Washer (J). It must be adjusted later (After mounting the Numeric 24 Key Keypad (L)). See Figure 2-2
Step 2: Connect the USB Keypad cable to the 8580/90 Vehicle Mount Terminal.

**Note:** The numeric keyboard use a USB interface to connect to the 8580/90 Vehicle Mount Terminal. This interface is protected from atmospheric influences by an IP65 cable cover. The cable cover must be removed and reinstalled correctly when connecting the interface cables. Please ensure you attach the cable cover as per 8580/90 Vehicle Mount User Manual, see section 4.1 complying with Protection Standards IP65. The protection class can no longer be guaranteed if the cable cover is installed incorrectly.

Step 3: Place threaded bolts on the Numeric 24 Key Keypad (L) through the long slots on the Keypad Bracket (D), and with four M4 Hexagon Nuts (K). Torque to 9 lbf-in. See Figure 3.

Step 4: Adjust the Keypad Bracket (D) to the user(s) preference and fully tighten as specified for each mounting option below.

**Standard Mount:**
- M8 x 16 mm Hex screw (A) Torque to 25 lbf-in.

**RAM Mount:**
- M8 x 12 mm Hex screw (A) Torque to 25 lbf-in.
- M6 x 10 mm hex screw (H) Torque to 18 lbf-in.

See Figure 2-1 or 2-2 as needed.
Appendix A: Support Services and World Wide Offices

Support Services
Psion Teklogix provides a complete range of product support services to its customers worldwide. These services include post-installation technical support and product repairs.

Canada and USA: Technical Support and Repair Services
In Canada and the U.S.A. these services can be accessed through the Psion Teklogix Helpdesk. The Helpdesk coordinates repairs, helps you troubleshoot problems over the phone, and arranges for technicians or engineers to come to your site. Canadian and U.S. customers may receive access to technical support services, ranging from phone support to emergency on-site system support, by calling the toll-free number below, or via our secure web site.

*Note:* Customers calling the toll-free number should have their Psion Teklogix customer number or trouble ticket number available.

Voice: 1 800 387-8898
Fax: 1 905 812-6304
Web Site: [http://service.psionteklogix.com](http://service.psionteklogix.com)

**WORLD WIDE WEB**
[www.psionteklogix.com](http://www.psionteklogix.com)

International Support
For technical support outside of Canada or the U.S.A., please contact your local Psion Teklogix office.
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* Authorized Service Center

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