SIEMENS

Installation Instructions

Model FLASH-UK

MMB-1 Upgrade Kit

To increase the available FLASH memory on a SIEMENS Model MMB-1, complete the following steps in order.

NOTE

Install this upgrade kit if:
- The CSG-M indicates that the custom .mxl file is too large for the standard amount of factory installed flash.
    or
- The .mxl file exceeds 80,000 bytes *and* the MMB-1 contains Revision 6.00 or higher.

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1. Inform the building owner and any other authority necessary that the System will be out of service while the changeover is occurring.

2. Disconnect the standby batteries from the System.

3. Disconnect the AC Power from the System.

4. Open the door with the MKB-2 installed to gain access to the MMB-1.

5. *For MXL:*

    Disconnect the ribbon connector that links the MMB-1 motherboard (P8) with the ANN-1 on the back of the MKB-2 Annunciator Keyboard.

    For MXLV:

    Disconnect the ribbon connector that links the MMB-1 motherboard (P8) with P5 on the ACM-1.

6. Locate the IC socket numbered 115 on the MMB-1.

7. Note that:
   The IC is installed with the U shaped cutout on the chip at the bottom of the PC board.

IMPORTANT
IF THE ICs ARE INSTALLED INCORRECTLY, SEVERE DAMAGE TO THE MMB-1 CAN OCCUR AT POWER UP.

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8. Put the additional IC 115 in an approved IC insertion tool (like that supplied with the CSG-2 kit). Very gently insert the IC in the socket labeled IC 115.

Be sure that:
a. **The U cut in the chip is towards the bottom of the board.**
b. **All IC pins are properly aligned with the connector.**

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9. Inspect the NEWLY installed IC to verify that:
   a. All IC pins are properly seated in the socket.
   b. The chip is in the right place and positioned correctly.

10. Reassemble the System by reversing Steps 1 through 5 above. Please refer to the *MXL/MXLV Manual,* P/N 315-092036, for additional assistance.

11. Once the System has completed its initialization startup routine and the CSG-M has been loaded, perform a System checkout satisfactory to the building owner and the local authority having jurisdiction.