R A D I O N I C S

D5215 Memex Board
Operation and Installation Instructions

The D5215 Memex Board expands the internal memory (Disk A) of the D5200 Programmer from 128k to 512k, providing an additional 384k of memory. A connector is provided on the internal circuit board of the D5200 for connecting the D5215 Memex board.

Preparing the D5200

1. If you want to save the handlers and records currently in your D5200 on Disk A, copy them onto a RAM Card (Disk B) or into a second D5200 before starting this procedure. You re-format Disk A after installing the D5215, erasing all of the handlers and records currently on Disk A.

2. Power down the programmer. Select 5200 OFF in the Product Handler menu, and be sure to unplug the External Power cord.

> **Warning, the Memex board is not hot pluggable:** Inserting the D5215 with the programmer powered up damages the Memex board and system software.

3. Ground yourself before opening the programmer case. Do not touch any components on the D5200 circuit board.

Installing the Memex Board

1. Open the programmer case.

2. Attach the two #4-40 x 5/8" standoffs provided with the D5215 board onto the existing standoffs next to the RAM Card Slot on the D5200 circuit board (see Figure 1).

3. Insert the connector pins of the D5215 into D5200 connector J12 (see Figure 1).

4. Insert the two #4-40x1/4" screws through the lock washers, flat washers, and D5215, attaching the Memex board to the standoffs (see Figure 2).

5. Close the Programmer case.

Format Disk A

1. Power the Programmer on and format Drive A.

   a. Select SECURITY from the Product Handlers menu and press the [ENTER GROUP] key.
   b. Select Format Disk from the Security menu, and press the red [ENTER GROUP] key.
   c. Type [A] at the DISK prompt in the Format Disk menu and press the white [ENTER] key.
   d. The programmer warns you that formatting erases the disk, and asks if you want to continue. Press the [Y] key.

2. Power down the Programmer.

Test

1. Press the [ON] key of the D5200 Programmer.

2. After entering your password, scroll down and select the DISKSTAT item using the red [ENTER GROUP] key.

3. Set the CURRENT DISK to A.

4. When the D5215 Memex board is properly installed, the SizeKilobytes of Disk A is 512. FreeKilobytes should be 506.

5. Re-load the handlers and records you copied out of the programmer in the first step of the installation procedure.

   Once installed, the D5215 cannot be transferred to another Programmer without losing all data on Disk A.
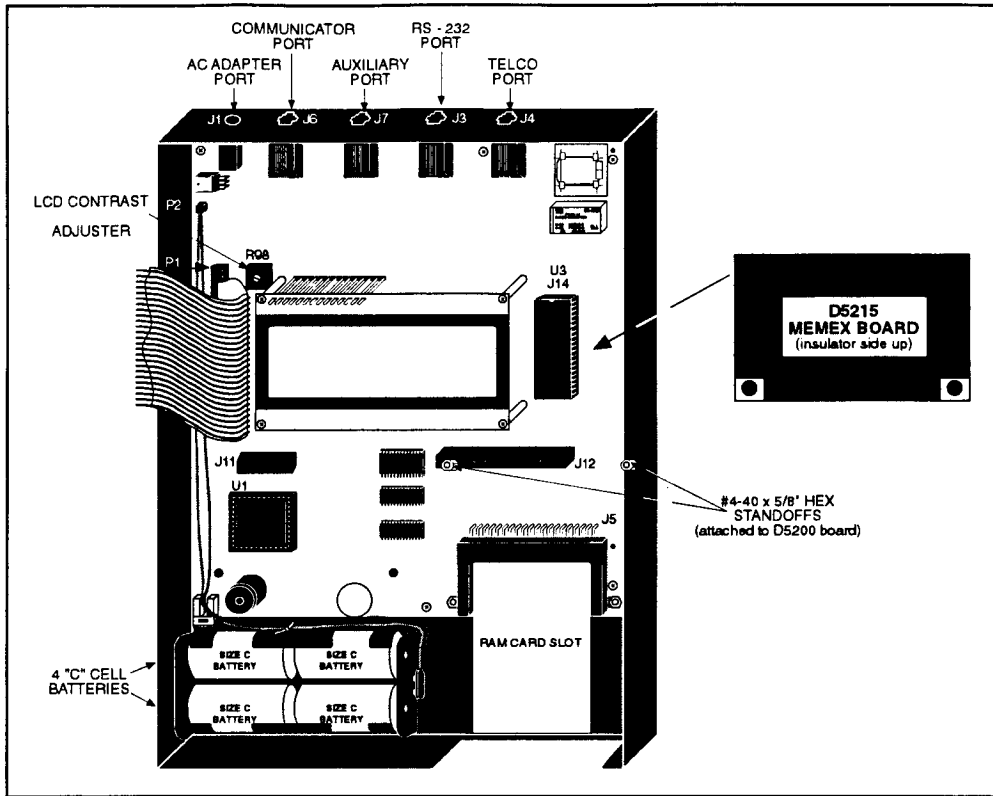
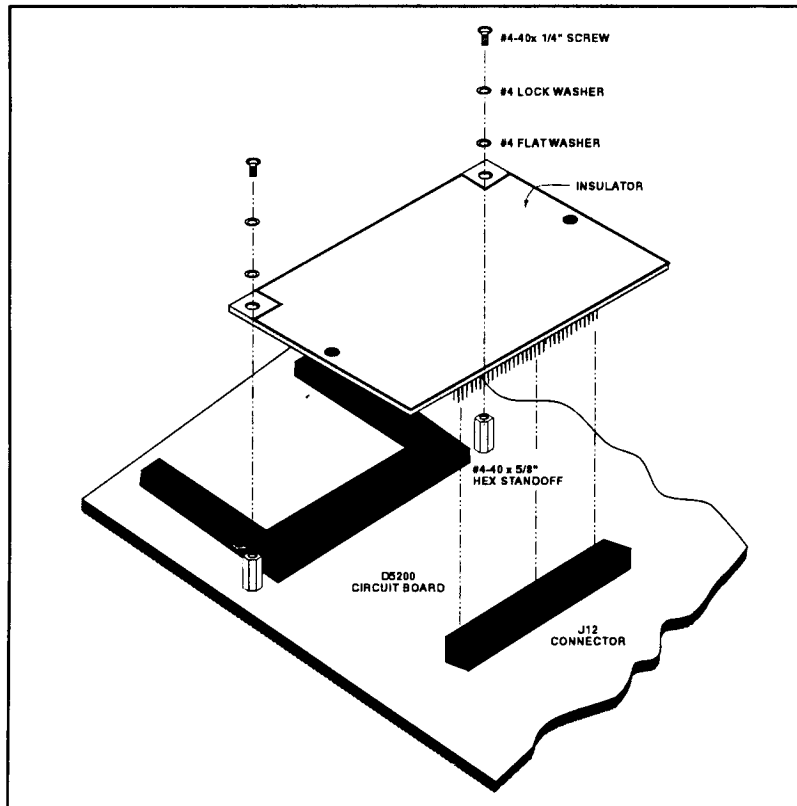**Figure 1: INSTALLING THE D5215 MEMEX BOARD**

Figure 2: ATTACHING THE D5215 HARDWARE