Installation Instructions For:

DPM® V3 Upgrade Kit

Note: *This product should only be installed by an authorized Peavey Dealer or authorized Peavey Service Center to ensure preservation of warranty.*

INTRODUCTION

Congratulations and thank you for purchasing the DPM® V3 Upgrade Kit. This kit updates the waves in your DPM V3 to those currently available on the Peavey DPM 4 and DPM 488 keyboards.

What's in the Upgrade Kit

- DPM 4 Memory Board (1)
- "HI" and "LO" EPROMs (1 each)
- DPM V3 Edition 5 and 6 ROM Cards (1 each)

Before you begin the installation

- Save all programs, effects, wave samples, etc. (Anything you don't want to lose!)
- Initialize memory; press and hold both the **Prog** and **Right arrow** buttons, while applying power to the unit, until the display shows P000 *Initialized*.

Installation Procedure

1. Turn the unit off and disconnect it from the AC mains power (unplug it from the outlet). You will need a phillips-head screwdriver to remove the eight screws securing the top.
2. Remove the top.
3. Depending on when your unit was manufactured, four nylon screws or four nylon "snap" standoffs are holding the WaveROM board in place. Locate them as shown in *figure 1*. The original WaveROM board can be removed with a screwdriver or by pinching the four nylon "snap" standoffs with a pair of needle-nose pliers.
4. Install the new DPM 4 Memory Board, make sure it is held firmly in place.
5. Using the cables provided, connect HDR101 on the DPM 4 Memory Board to HDR403 on the DPM V3 Main Board, connect HDR102 to HDR402, and HDR103 to HDR401.
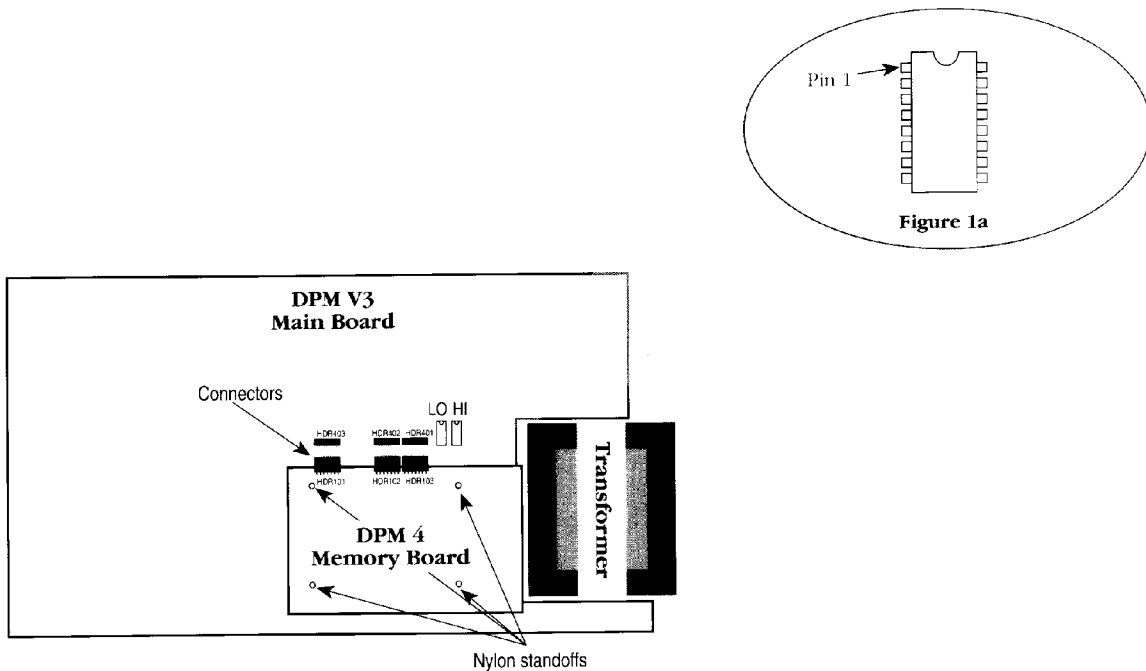
Figure 1a

Figure 1

RAM Installation

6. The DPM 4 Memory Board comes with eight sockets that can hold a total of 1 megabyte of RAM. To install 1 megabyte of RAM, the installation of eight RAM ICs is required, to install 512K, four RAM ICs are required. Refer to *figure 2* for the socket locations used for installing RAM ICs.

Note: If you are **not** installing 1 megabyte of RAM (i.e., 512K only), the RAM ICs **must** be located in the following sockets; **U301**, **U302**, **U303**, and **U304**.

ROM Installation

7. The DPM 4 Memory Board comes with 10 megabytes of Sample ROM pre-installed. An empty socket is provided for future expansion of sample memory (via a two-megabyte IC—resulting in a total of twelve megabytes of Sample ROM). Refer to *figure 2* for the proper location of the two-megabyte Sample ROM IC.

EPROM Installation

8. To update the operating system, new EPROMs need to be installed. These are labeled "HI" and "LO" and are located on the DPM V3 main board. Refer to *figure 1* for the proper location of the "HI" and "LO" EPROM ICs.

Note: It is *very* important to place the ICs in all of these installation procedures with pin 1 (refer to *figure 1a*) in the proper direction. Before installing RAM or ROM ICs, note the direction of pin 1 on the RAM or ROM ICs already installed. Before replacing EPROM ICs, note the direction that pin 1 is facing and make sure to place the new EPROMs with pin 1 in the same direction.

9. Visually inspect the changes that have been performed, then reinstall the top.
10. Reconnect the AC mains power (plug the unit into the outlet) and turn the unit on. Reinitialize the unit following the same procedure as earlier. After reinitialization, turn the unit off for several seconds, then turn it back on.
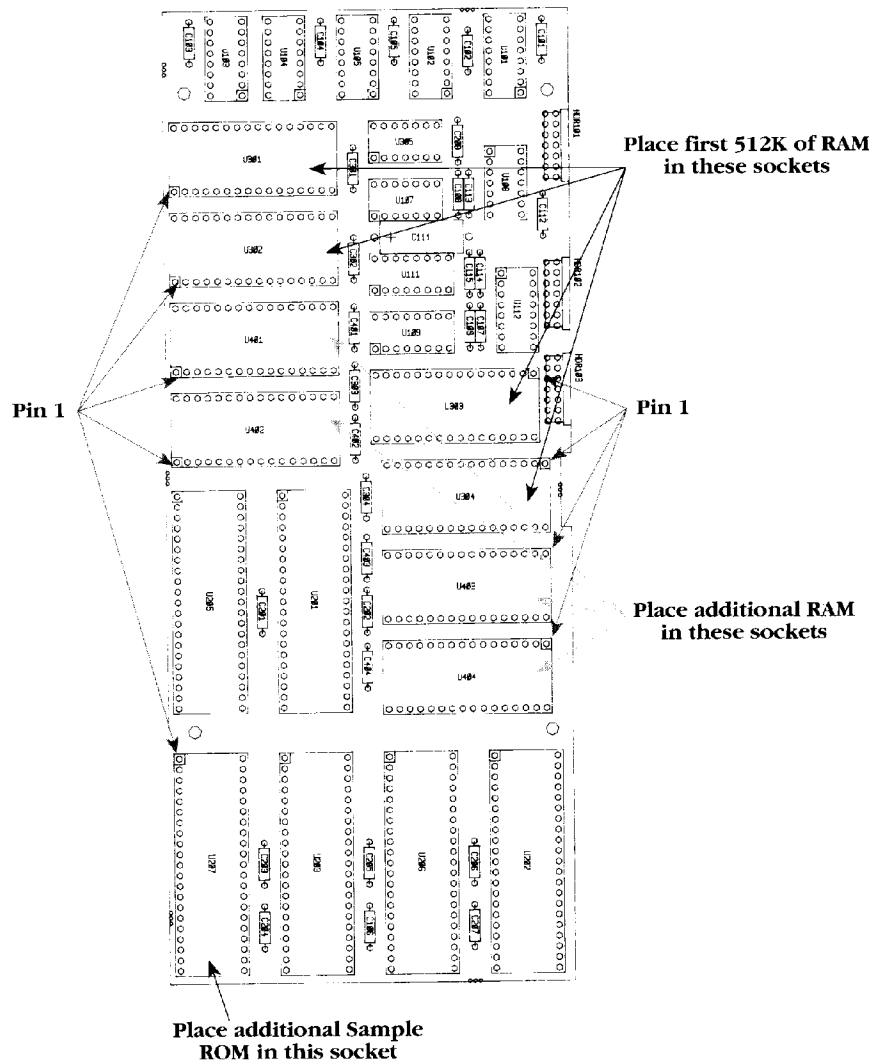11. Reload all previously saved data to the unit.

Place first 512K of RAM in these sockets

Pin 1

Pin 1

Place additional RAM in these sockets

Place additional Sample ROM in this socket

Figure 2

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Features and specifications subject to change without notice.