

Loading System Software 2.0 (in Detail!)

Note: we are going to **completely erase** the contents of the keyboard's memory. If you have any data you want to save, **do it now!**

You must not only upgrade the system software (OS), but you must reload the factory GE data (which resides in static RAM), since the data format of the GEs has changed slightly. Since this will erase the internal memory, you need to load your sounds back also.

You will need 6 **new** floppy disks (well, you could get away with 3, and reuse them in between, but why make it difficult?) If you ever need to reload the OS, GEs and PRELOAD, you will have all 6 floppies ready and available.

In order to make things go smoothly, I suggest formatting each of the 6 floppies first in the Karma Keyboard itself, using the QUICK FORMAT option. Go to Disk Mode and insert each disk, hit [F3] Utility, press [F8] UTILITY and select "Format." Select "Quick Format" (default) and answer OK.

1. Creating the System Files (OS) Disks:

- a. Open the folder "OS_DISKS." There are three folders inside, each one corresponding to one floppy disk. You do **not** drag the folders onto the floppies. You drag the **contents** of the folders onto the floppies.
- b. Open the "OsDisk1" folder, and copy the **two** (2) files onto Floppy #1.
- c. Open the "OsDisk2" folder, and copy the **one** (1) file onto Floppy #2.
- d. Open the "OsDisk3" folder, and copy the **one** (1) file onto Floppy #3.

Again, copy only the contents of the folders, not the folders themselves.

2. Creating the GE Disks:

- a. Open the folder "GE_DISKS". There are two folders inside, each one corresponding to one floppy disk. You do **not** drag the folders onto the floppies. You drag the **contents** of the folders onto the floppies.
- b. Open the "GeDisk1" folder, and copy the **two** (2) files onto Floppy #4.
- c. Open the "GeDisk2" folder, and copy the **one** (1) file onto Floppy #5.

3. Creating the Factory PRELOAD Disk:

Open the folder "V2_PRELOAD." Drag the **one** (1) file onto Floppy #6. Note that if you have backed up your own internal data as advised prior to starting this procedure, you can skip this step if all you want to do is restore your own sounds.

4. Loading the System Software (3 floppies):

Note: we are going to **completely erase** the contents of the keyboard's memory. If you have any data you want to save, **do it now!**

- a. If your Karma is on, turn it off. Hold down the [Enter] + [Locate] keys of the 9 key pad and Sequencer section to the right of the LCD display simultaneously, and turn on the power. Continue holding the two keys until you see a blank display containing the words: "Please insert System 1 disk."
- b. Insert OS Disk 1. It will read in the data, and you will see "Now loading...", "Now erasing ROM", "Now checking the system's checksum", and eventually it will say "Please change to system 2 disk."

- c. Insert OS Disk 2. It will read in the data as above, and eventually say "Please change to system 3 disk."
 - d. Insert OS Disk 3. It will read in the data as above, and then you will see "System load complete", and "Starting system." Then the familiar screens will appear.
5. Loading the GE data (2 floppies):
- a. If your Karma is on, turn it off. Hold down the [Enter] + [Locate] keys of the 9 key pad and Sequencer section to the right of the LCD display simultaneously, and turn on the power. Continue holding the two keys until you see a blank display containing the words: "Please insert System 1 disk."
 - b. Insert GE Disk 1. It will read in the data, and you will see "Now loading...", "Now erasing ROM", "Now checking the system's checksum", and eventually it will say "Please change to system 2 disk."
 - c. Insert GE Disk 2. It will read in the data as above, and then you will see "System load complete", and "Starting system." Then the familiar screens will appear.
6. Resetting memory:
- a. Power off again. Power on, this time while holding down the [Enter] + [0] keys. You will see "Starting system" followed by "Now writing into internal memory." At this point, the entire memory is wiped clean (except for the GEs you loaded in step 5).
7. Restoring the actual Sound Data (Program, Combis):
- a. Insert the Factory PRELOAD disk you created in Step 3, go to Disk Mode [F1] Load, cursor so that "PRELOAD.PCG" is selected, press [F8] UTILITY and choose "Load selected." You do not need to load .SNG or .KGE data also, so leave them unchecked, OR...
 - b. Reload your own data that you backed up prior to starting this procedure.
- Congratulations! You're now ready to proceed with 2.0 System Software.