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SERVICE NEWS

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DX7 ROM UPDATE

Ver. 1.7 (IG114670)

The following functional problems were discovered in ROM Ver. 1.5 which has been updated to Ver. 1.7.

- It occasionally happens that the key off data for the MIDI output is missing and the slave side keyboard or tone generator will continue to produce sounds.
- There has been an error in the display for the Oscillator Fixed Frequency in the Edit mode. "1338Hz" appears when "1738Hz" should actually appear. This has been corrected.
- When performing a battery check, the After Touch data (On/Off, Range etc. in the Function mode) is produced in the MIDI output and this has been corrected.
- After editing the LFO Wave and changing the mode from Play to Edit, the LCD sometimes blinks. This has been corrected.

In addition, the following changes and additions have been made in the test program:

- Test #10 (ROM test) has been eliminated.
- Test #9 (RAM read/write test) will be carried out at the beginning of the test.
- An additional function for Test #8 (Data cartridge read/write test): By performing Test #8, voices can be moved from the RAM cartridge to the internal memory even if the voice data is partially destroyed. Pressing the 16 button will move voices from the cartridge to the internal memory and the "COMPLETED" message will be displayed. By pressing the +1 button, you will leave the test program and enter the main program.
- An additional function for Test #5 (A/D test): During the A/D test, it was impossible to proceed to the next test if all of the items were not completed. But by pressing the Function button it is now possible to proceed to the next test.
- An additional function for Test #4 (Keyboard switch test): It is now possible to carry out detection of key velocity in this test. If touch is too weak, the "TOUCH ERR **" message will appear. In addition, the "KBD OK" message will appear after completion.

The serial numbers for DX7 units using ROM Ver. 1.7 are as follows:

99594 - 110585, 111086 - 112400, 113036 - 115520

Ver. 1.8 (IG114680)

Although this is no problem at all during normal use, the following dif-
ficulties have been discovered with the test program for ROM Ver. 1.7
which has been updated to Ver. 1.8.

- After completing the panel switch test and keyboard switch test and
  manipulating the +1 button to proceed to the next test, the "NOT COM-
  PLETED" message appeared on the display and operations were terminated.
- With test programs other than those described above, there was the pos-
  sibility of erroneous operation.

This modification has been implemented on products with the following
serial numbers:

110586 - 111085, 112401 - 113035, 115521 - up