

MODEL	No.	DATE
D - 1 1 0	Service Information No.	1990-07-10 100418B

## SUBJECT

VERSION LIST(VER.1.08->VER.1.13)

## CONTENTS

PLEASE REFER TO D-110 SERVICE NOTES FOR PROGRAM ROM VER.1.01 TO 1.07.

◇PROGRAM ROM (IC19 ON MAIN BOARD)

### 【VER. 1. 08】

VER.1.08 CURES THE FOLLOWING PROBLEMS.

- \*WITH "SAVE TO CARD, ALL" IN DATA TRANSFER MODE, WHEN TIMBRE DATA IS SAVED INTO A CARD, THE TIMBRE DATA I-A11 TO I-A23 CANNOT BE SAVED CORRECTLY.  
(OBJECTED VERSION:VER.1.06 - VER.1.11)

### 【VER. 1. 09】

VER.1.09 CURED THE FOLLOWING PROBLEMS.

- \*IN RESPONSE TO "DATA REQUEST", THE D-110 MAY TRANSMIT THE DATA IN EXCESS OF REQUESTED.
- \*WHEN ADDRESS THAT HAVE NOT BEEN DEFINED IS REQUESTED, THE D-110 MAY TRANSMIT SOME MEANINGLESS DATA FROM THE ADDRESS.  
(OBJECTED VERSION:VER.1.07 AND VER.1.08)

### 【VER. 1. 10】

VER.1.10 CURES THE FOLLOWING PROBLEMS.

- \*WHEN A D-110 RECEIVES "RQD" MESSAGE AND THE "DEVICE-ID" IS NOT IDENTIFIED, THE D-110 TRANSMITS "EOD" MESSAGE ONLY.
- \*THE PLURAL MIDI-CHANNEL-PART COULD NOT BE CHANGED AT A TIME BY USING MIDI EXCLUSIVE ONLY ONCE.  
(OBJECTED VERSION:VER.1.07 - 1.09)
- \*THE "RPC" NUMBER FOR BENDER RANGE SETTING SHOULD BE "0" BUT IT WAS "2" IN FACT.(NOTE:"RPC"=REGISTERED PARAMETER CONTROL)  
(OBJECTED VERSION:VER.1.00 - 1.09)

### IMPROVEMENT

- \*WHEN "KEY SHIFT" IS CHANGED DURING SOUNDING, THE D-110 STOPS SOUNDING AUTOMATICALLY.  
WITH PREVIOUS VERSIONS, IF SO, THE D-110 COULD NOT STOP SOUNDING.

[ V E R. 1. 1 1 ] EFFECTIVE S/N CA39600

VER.1.11 CURES THE FOLLOWING PROBLEMS.

\*WHEN RECEIVED MIDI VOLUME MESSAGE (CONTROL CHANGE 7) WITH EXTREMELY SHORT INTERVAL(I.E. LESS THAN A FEW MSEC.), D-110 CANNOT RESPOND TO THE RAPID VOLUME CHANGE. THIS PROBLEM WILL BE HAPPENED WHEN MIDI VOLUME MESSAGE WAS SENT BY FC-100MKII OR S-50.

\*WHEN SET THE WHOLE DATA FOR 8 PARTS TO TIMBRE TEMP AREA IN ONE SETTING, THE DATA FOR TIMBRE TEMP AREA WILL BE ABLE TO BE RE-WRITTEN. BUT TIMBRE AND BENDER RANGE FOR PART 2 TO 8 WILL NOT BE CHANGED ACTUALLY.

(OBJECTED VERSION:VER.1.06 - 1.10)

\*MIDI INDICATOR WILL NOT TURN ON BY RECEIVING HOLD-ON MESSAGE.

\*WHEN PLAYED A LARGE NUMBER OF TONE USING A STRUCTURE 10 TO 13, D-110 WILL HANG UP RARELY.

(OBJECTED VERSION:VER.1.09 - 1.10)

CHANGE

\*TO BE CHANGED THE PART PRIORITY FROM "1,2,3,4,5,6,7,8,R" TO "R,1,2,3,4,5,6,7,8,"

IMPROVEMENT

\*TO BE POSSIBLE TO EXECUTE "DUMP ONE WAY" DURING OVERFLOW ASSIGN MODE.

[ V E R. 1. 1 2 ] EFFECTIVE S/N DB22300-

VER.1.12 CURES THE FOLLOWING PROBLEMS.

\*IN COMBINATION USE OF D-110 AND YAMAHA QX-5FD, WHEN YOU PRESSED THE STOP BUTTON OF QX-5FD DURING THE SEQUENCE PLAYING , D-110 WILL BE STILL SOUNDING IN SOME NOTES. BUT SUCH A PROBLEM SELDOM OCCURS.

(OBJECTED VERSION: VER.1.06 - 1.11)

[CAUSE]

IN 3 BYTES TYPE MIDI MESSAGE, THIS PROBLEM WILL BE OCCURRED. TO BE CONCRETE, WHEN "FC(STOP)" MESSAGE BROKEN BETWEEN THE SECOND BYTE AND THE 3RD BYTE OF "NOTE ON EVENT", THIS NOTE WILL NOT TURN OFF BY THE ABOVE "FC" MESSAGE, SO THIS PROBLEM DEPENDS ON THE TIMING PRESSING THE "STOP" BUTTON ON QX-5FD.

[NOTE]

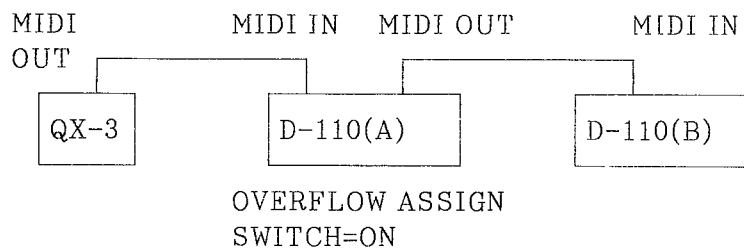
THIS PROBLEM NEVER HAPPEN WITH ROLAND SEQUENCER. BECAUSE ROLAND SEQUENCER WILL SEND "ALL NOTE OFF" MESSAGE TO PREVENT THIS KIND OF PROBLEM.

【 V E R. 1. 1 3 】 EFFECTIVE S/N DB72800- CHECK SUM---7B03

[PROBLEM]

IN OVERFLOW ASSIGN MODE, WHEN D-110 RECEIVES NOTE OFF MESSAGE (8X KK VV), IT SEND OUT NOTE ON MESSAGE(9X KK VV).  
(OBJECTED VERSION:VER.1.11 AND VER.1.12)

FOR EXAMPLE:IN OVERFLOW ASSIGN MODE, TWO D-110S ARE CONNECTED WITH QX-3(CONTROLLING UNIT).



WHEN QX-3 SENDS OUT NOTE OFF MESSAGE TO D-110(A),  
D-110(B) IS RECEIVED NOTE ON MESSAGE AND SOUNDS OUT.