

Service Note		
Product	Description:	Service note no.
Reverb 4000	Pixel error	Sno- T092

Reason for note:

The pixel-errors are a result of a modified circuit on the new mainboard revision (P13008-C). During development of the new mainboard revision it was found that the analog audio performance at some sample rates was degraded compared to previous mainboard revision, because of interference from the communication to the front PCB. A 22Ohm resistor and a 100pF capacitor were added to all signals on the interface to the front to avoid the performance reduction. Unfortunately, this has changed the signal integrity (reflections) of the clock to the Hitachi H8 CPU.

Actions:

To correct the problem the series resistor on the PLL board (P12906-3) must be re-inserted - resulting in the following change:

Modify R29 from 0R to 56R

The following change must be made on the Mainboard (P13008-C):

Modify C232 from 100p to NOT_USED

IMPORTANT:

This replacement should only be carried out by skilled technicians.