

1. Keyboard Speed Problem (S/N 76 and below)

Due to a problem with CD4503s not being able to respond fast enough when warm, we have replaced U308 and U309 with 74HC367s. These parts are pin-for-pin compatible with the 4503.

Failure symptoms for this problem will be dead notes or notes droning.

2. Nylon screws on power supply regulators (S/N 95 and below)

On early units, the three main power regulators on board 4 were attached to the heat sinks with nylon screws. Unfortunately the screws cannot be tightened down tightly enough without stripping. This causes poor heat transfer between the regulator and heatsink causing thermal shutdown.

Replace the nylon screws with metal screws and nylon shoulder washers as insulators.

3. Backwards capacitor (S/N 252 and below)

Due to an error on the silkscreen on PCB 4, C401 a 1.0uF 10V **[tantalum!]** capacitor was installed backwards. The capacitor should be installed opposite from the marking on the board.

Failure symptoms for this problem will be that the unit will work fine for a while then the audio will cut out **[or the CEM5530s freak out and cause horrible sounds]**. This problem should be corrected on all units.

4. Noise on audio output (S/N 374 and below)

To reduce overall noise on the audio output we have removed two 1N34 diodes, D903 & D904 on the audio board, PCB 9.

5. Data entry slider pots malfunction (S/N 651 and below)

Due to the excessive height of of the data entry slider knob, the pot can become **[page ends here, and no second page seems to be available. I assume the way it continues is that it mentions the slider breaking off, or bending & damage to the slider contacts.]**