

Service Note		
Product	Description:	Service note no.
Penguin	White noise when using effects	760 10 T023

Problem: White noise from the outputs.

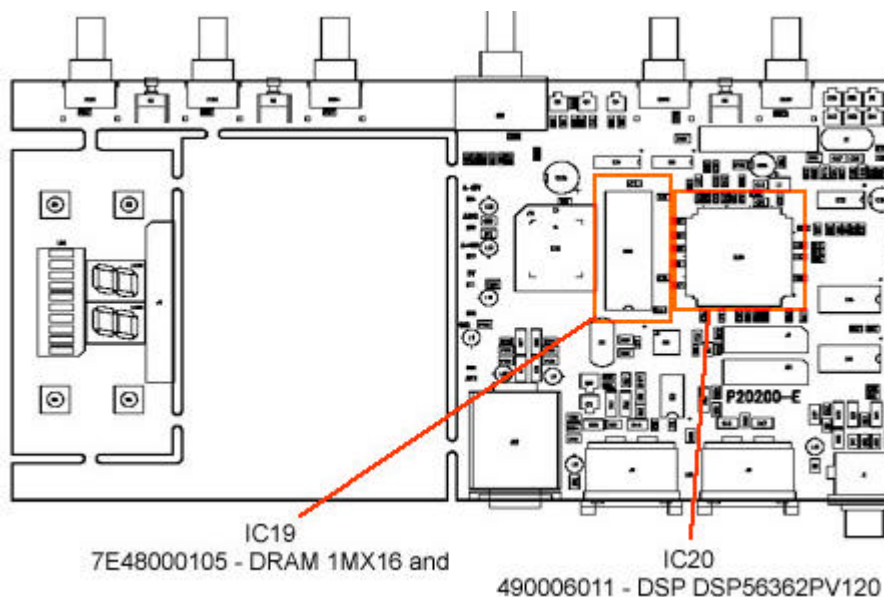
Description: The problem occurs when effects are switched on.

Solution: In most cases this can be repaired by re-soldering the DSP and DRAM.

Component IC19: 7E48000105 - KM416V1000CJ-5 DRAM 1MX16 and

Component IC20: 490006011 - DSP DSP56362PV120

1. Remove the lid of the product.
2. Examine the soldering points on the DSP and DRAM fig.1.
3. If you can't see anything wrong at first we recommend that you resolder them anyway because the lead-free tin-based solders are still relatively new and it can be difficult to locate cold/bad soldering point.



Note:

PTA will improve the manufacture process in the future. (it's properly because we use Lead-free soldering now, which means the process is more difficult now, and the process has to be maintained more carefully than ever before, when we used lead)