

CONFIDENTIAL

ONKYO

18 Park Way, Upper Saddle River, NJ 07458

Technical Tip

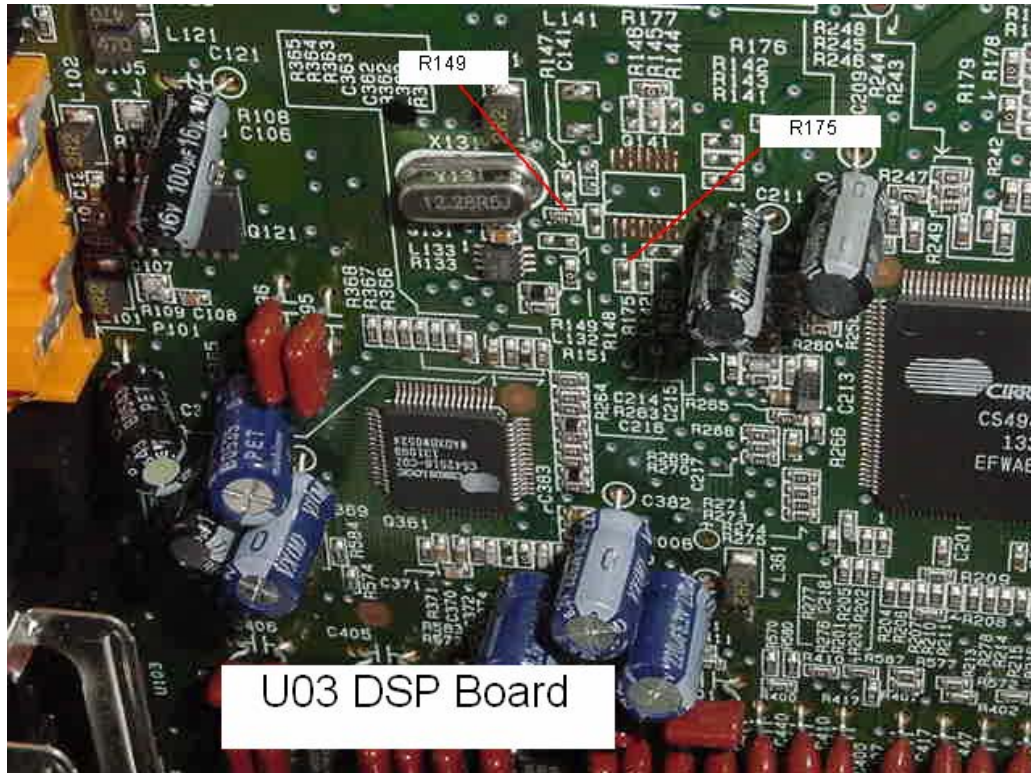
Date: April 6, 2006

Model: TX-SR803/SR703, DTR-4.6/5.6/6.6/7.6

Subject: High pitched noise is heard in the subwoofer.

Symptom: A high pitched noise or, a motorboat noise can be heard when using the Optical, Coaxial or HDMI input.

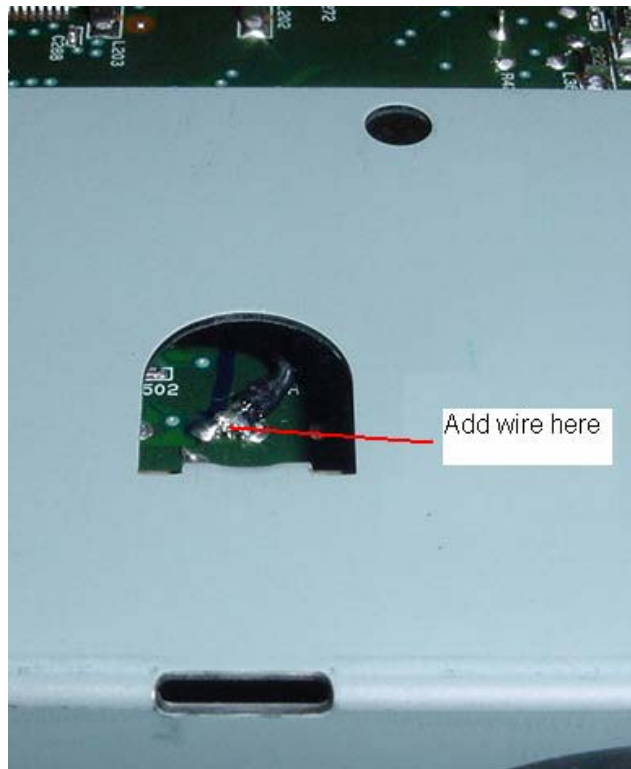
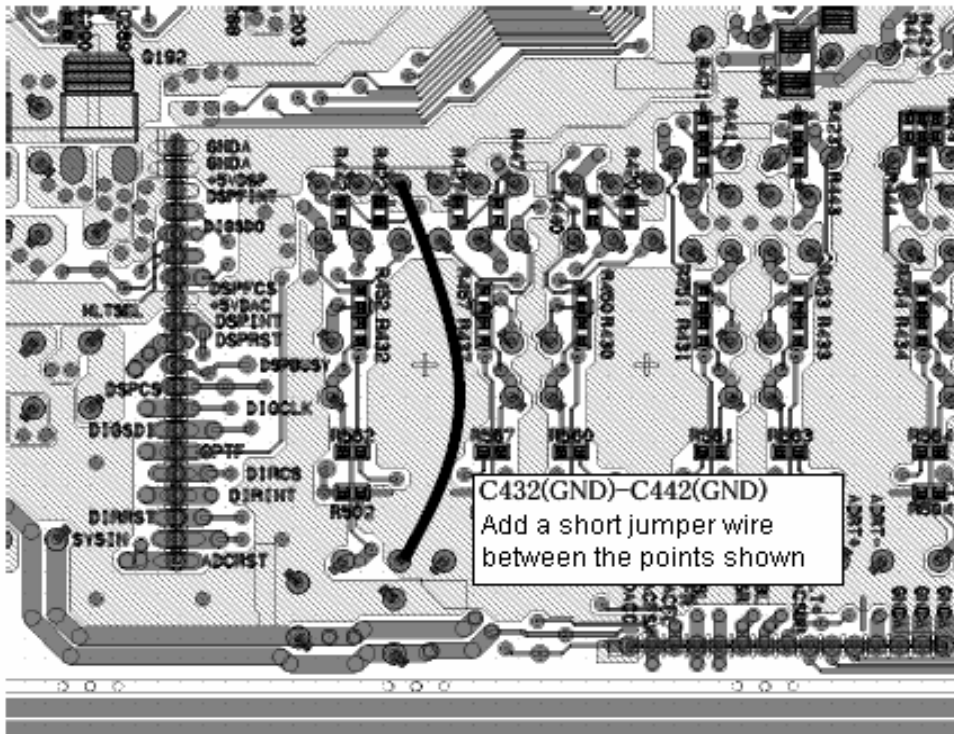
Solution: If the DSP board (U03) is marked NADG-8660-1 (see board version pictures) modify the DSP board as follows:
Relocate resistor R175 (47ohm) to location R149.



CONFIDENTIALITY NOTICE:

This document and the information it contains is intended for the exclusive use of Authorized ONKYO Service Centers and their employees. This document may contain information that is privileged, confidential and exempt from disclosure under applicable law and terms of the ONKYO Service Agreement. Any dissemination, distribution or copying of this document and the information it contains is strictly prohibited.

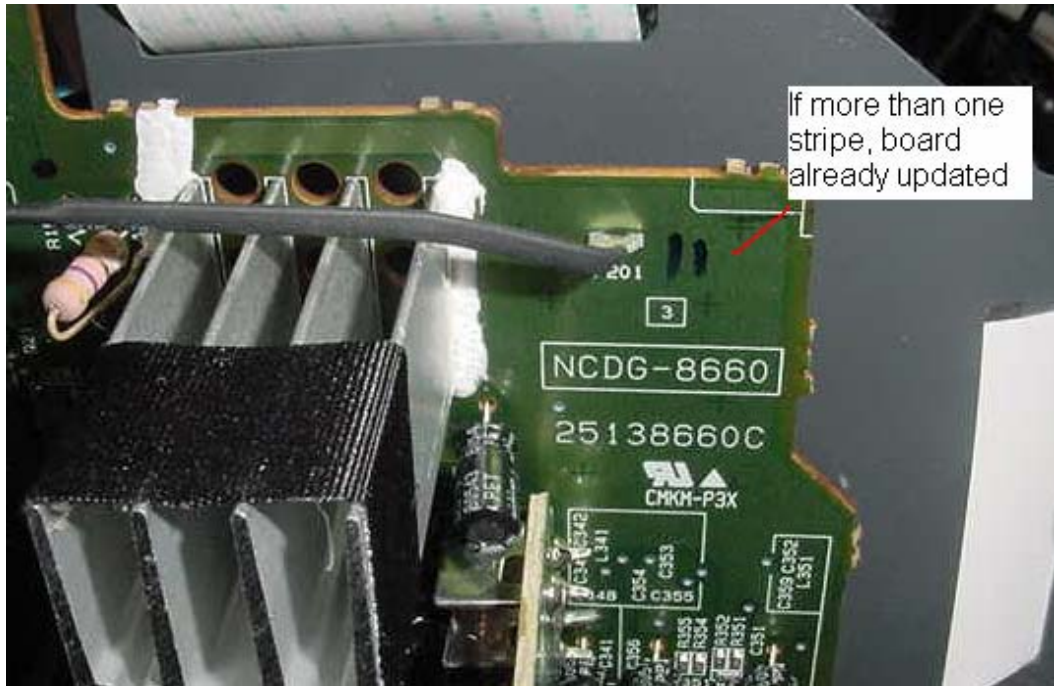
Add a jumper wire to foil side of board between the ground legs of C432 and C442.



CONFIDENTIALITY NOTICE:

This document and the information it contains is intended for the exclusive use of Authorized ONKYO Service Centers and their employees. This document may contain information that is privileged, confidential and exempt from disclosure under applicable law and terms of the ONKYO Service Agreement. Any dissemination, distribution or copying of this document and the information it contains is strictly prohibited.

Two or more lines indicate a later revision board.



Note: On later revision boards, R175 is a zero ohm resistor and R149 already has a 47 ohm resistor mounted on the board. In this case, you just need to add the jumper wire.

Parts:

Ref#	Description	Part Number
R175	47 ohm carbon resistor RN72K1J-470JE	435034704R1

CONFIDENTIALITY NOTICE:

This document and the information it contains is intended for the exclusive use of Authorized ONKYO Service Centers and their employees. This document may contain information that is privileged, confidential and exempt from disclosure under applicable law and terms of the ONKYO Service Agreement. Any dissemination, distribution or copying of this document and the information it contains is strictly prohibited.