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## A/V Products

### Hardware Technical Bulletin: H2004-01

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Date: January 19/04

Subject: Pre Amp PCB

NOTE : N/A

*Complete Previous T.B.'s for this model :*

- YES
- NO
- Following T.B. H2004-

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**DESCRIPTION:** *Some units may have higher than average residual noise level on centre (and sometimes) surround channels.*

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**REASON:** *+5v regulator noise is leaking into the audio path which will vary on the type of regulator used.*

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**SOLUTION:** *Install a 1uF 25v capacitor between the +5v rail and ground.*

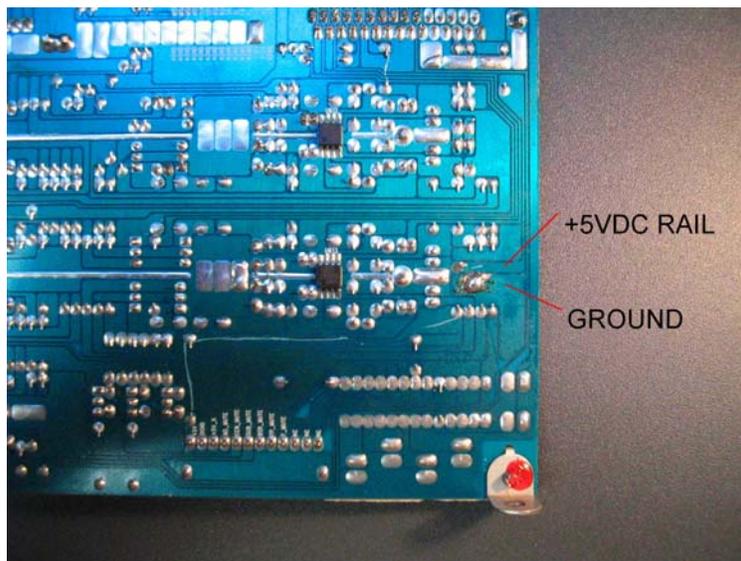
*Removal of the preamp pcb is not required.*

*Locate the centre of the preamp pcb and remove the coating on the ground pad as shown in photo 1.*

*Install the 1uF 25v capacitor as shown in photo 2 . When installed the capacitor's negative terminal should be facing the main pcb. See photo 3.*

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Photo 1



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## Circuit Change

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Photo 2

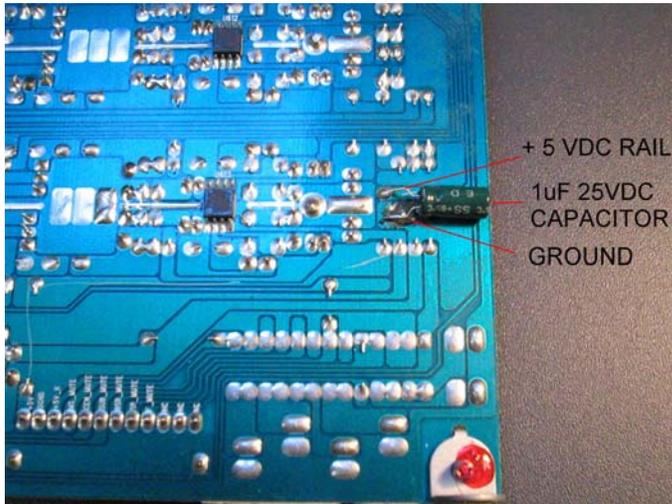
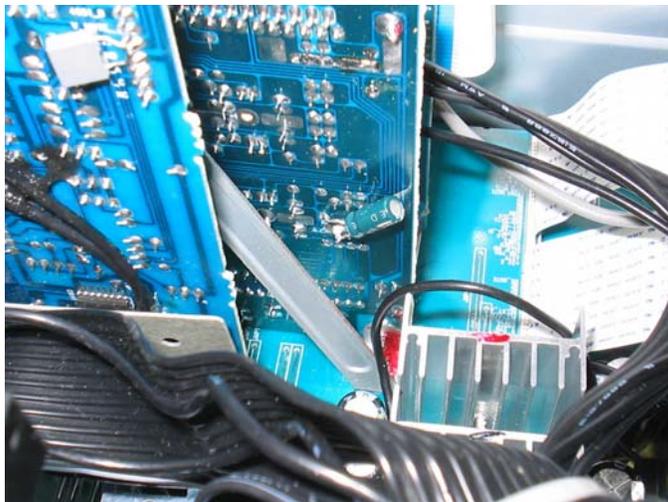


Photo 3



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