

HDS - SPEAKER KITS - S200W subwoofer amplifier input sensitivity mod

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APPLICATION NOTE:

The replacement P830667 has a lower SPL sensitivity than the original 8" P830491 subwoofer.

Problem :It has been found when using the P830667 8" with the S200W subwoofer amplifier the amp Level control will need to be increased between ¾ to max volume to achieve sufficient sound level with some Hometheatre Speaker systems .

SOLUTION:

I recommend increasing the S200W amplifier input sensitivity to match the new P830667 8" driver in the XLS800 Speaker Kits (OR) in DIY P830667 +S200W combo's sold by WES. See Figs 1 & 2 below .

Fig 1 Pre Amp PCB

Change feedback resistors from 12k (0.25w) to 82K

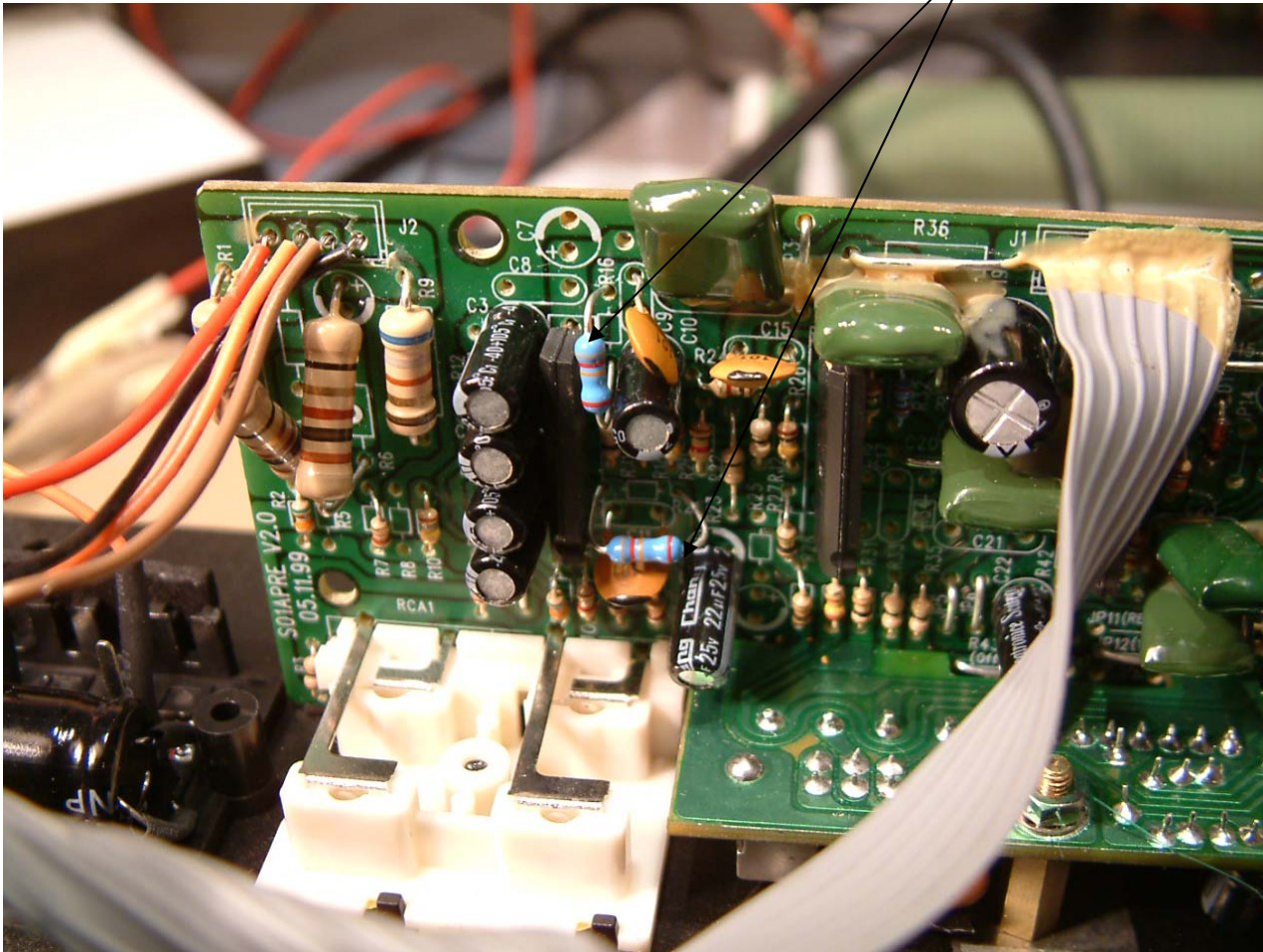


Fig 2 Pre Amp PCB Schematic

