Subject: Another $2 tweak
Posted by GarMan on Mon, 21 Mar 2005 15:16:28 GMT
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I did a tweak on my Grounded Grid preamp this weekend that not only cost just $2, but gave a noticable improvement. The tweak is nothing new and even has a name for it, but I'm too lazy to look up the name.Until I get my act together to order a good pot, I've been using the $1 versions from a local surplus store. I reconnected the pot this weekend so that the input signal bypasses the cheap pot altogether.Material required: 2 high quality 50K resistors, 1 50K potConnection:Input to one end of 50K resistorOther end of 50K resistor to wiper of pot (centre)Input of gain stage to wiperGround prong 3 of potLeave prong 1 of pot disconnectedThis as the effect of varying the input voltage without the signal going through the pot at all.Downsides are minor:Input impedence varies between 50K at no volume to 100K to full volumeFull volume is -6dB attenuated (vs. 0dB)Improvement is most noticable when you're using cheap crappy pots. This may not be as good as using a high quality stepped attenuator, but it's a hell of a lot cheaper.Gar.

Subject: yes...
Posted by PakProtector on Mon, 21 Mar 2005 19:27:24 GMT
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I have used it before acquiring a good volume pot. A 100k resistor can also be used with the 50k pot. The variability of the input impedance is a very small issue IMO. regards,Douglas