
Subject: Preamp for Low Output Moving Coil Cartridges

Posted by [gofar99](#) on Wed, 24 Jul 2013 02:43:56 GMT

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Hi Everyone, I didn't want everyone to think I only do tubes (about 95% true though) so I did an IC project. I wanted to see how quiet I could get a preamp for low output moving coil cartridges (LOMC). So with a bit of studying and a bit of bench tweaking I came up with one. Response is as flat as I can measure between 10HZ and 30K IAW the RIAA curve. S/N above 100HZ is -96 dbv. At 20 HZ (worst case) it is -89 dbv. Very very quiet. The gain is about 58-59 db and input impedance is 200 ohms. The gain and input impedance can be adjusted rather easily. The sound is quite nice and the preamp could easily be the only one someone might want.

File Attachments

- 1) [LOMC IC Phono Preamp July 22, 2013.png](#), downloaded 2844 times
 - 2) [IC Phono Preamp Inside.jpg](#), downloaded 2803 times
 - 3) [IC Phono Preamp Front.jpg](#), downloaded 2698 times
 - 4) [IC Phono Preamp Rear.jpg](#), downloaded 2750 times
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Subject: Re: Preamp for Low Output Moving Coil Cartridges

Posted by [Wayne Parham](#) on Wed, 24 Jul 2013 03:11:22 GMT

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That's a great op-amp, and looks like a wonderful project!
