
Subject: Power supply isolation

Posted by [PakProtector](#) on Thu, 01 Dec 2005 20:57:39 GMT

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Hey-Hey!!!,The active load does isolate the amplifier stge from the PS. Some have suggested a minimum reactance(both C and L). Like a few uF of capacitance, and that's all...I have personally liked the result of a good L-C stage. 20 Hy and 100 uF of motor run style Oilers. WHEN used as a mu follower, the PS is again included in the PS, but still to a large degree isolated...so a High performance PS is still a good idea, and contributes in a positive way to the sound.On the detail construction of the CCS, there is some benefit to building with a few batteries and the R-C filter on the gate. ONE needs to protect the +/- 20 volt gate-source voltage maximum with a cathode-cathode Zener clamp. The batteries will prefer a low leakage version BZX79C18 would be my preference, though BZX55C18 is not far behind....)cheers,Douglas
