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Subject: Re: Fixed Bias v. Cathode Bias

Posted by [Forty2wo](#) on Sun, 17 Jul 2005 00:46:26 GMT

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Hi M, (sorry I forget your real name)The main claim to fame of fixed bias, is efficiency, you get more power out of a set of tubes if you are not heating up a cathode resistor. But with FB you are applying a voltage, aka (signal) to the grid. If this is not deep black it will be heard. With CB you will have a certain amount of degenerative feedback , which is not a bad thing and my guess is that is what you ( and me ) are hearing. With CB often you are running your tubes deep into "class A". You can test this. Measure current across the cathode resistor . then when you switch to FB set the current to the same or more. Try this and tell me what you think...John

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