

## ***Novel way to play your old 78s***

I built a Wien bridge audio oscillator and I have found it to be a very useful piece of equipment in enabling me to play my old 78 recordings on my two-speed synchronous motor turntable.

Rather than build a separate power amplifier for it, I fed the output of the audio oscillator into the right channel of my existing stereo amplifier. The left channel carries the signal from the pickup as usual. I wired in a 12V to 240V power transformer between the right

channel speaker terminals and the turntable motor, with the 240V winding connected to the motor. This arrangement gives the necessary speed of 78rpm when the turntable is set to 45rpm and the audio oscillator set to 86.6Hz.

I have found this arrangement to be a satisfactory one and I thought that other readers in a similar position may be interested to try it.

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Editorial note: This idea is a good one but readers should be alerted to the possible dangers involved. Some amplifiers may not like being connected to a transformer as described, for a number of reasons. Unless readers are familiar with the ramifications and able to adjust for the right amount of drive etc, it would be wise to avoid taking any risks. (See "Audio Talk" P40).