

SoundTraxx DSX Using a DSX Sound Only Decoder with an External Amplifier

The audio output of a SoundTraxx DSX sound only decoder is sufficient to drive a typical 8 ohm speaker up to 4" diameter and still generate reasonable volume. To drive large speakers, or to produce more volume, you will need to use an external audio amplifier. The DSX audio signal is not typical and could overload amplifier inputs. A simple audio transformer and potentiometer will protect the DSX, the amplifier, and the speakers.

The following diagram shows a circuit that can be built with parts readily available at an electronics store such as Radio Shack.

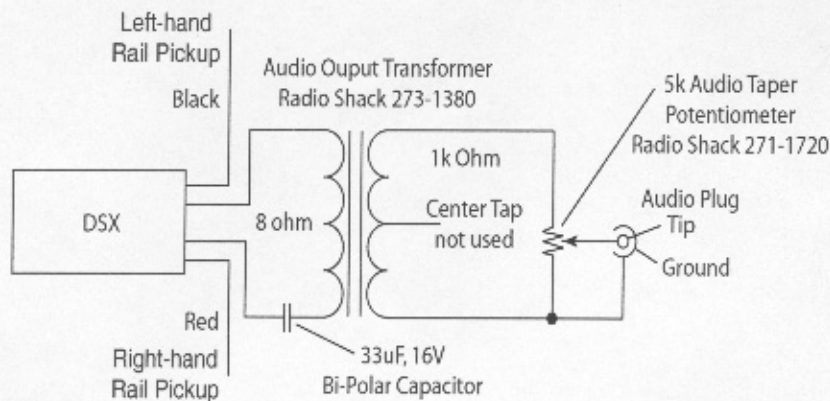


Figure 1 - Using a DSX Decoder with an External Audio Amplifier