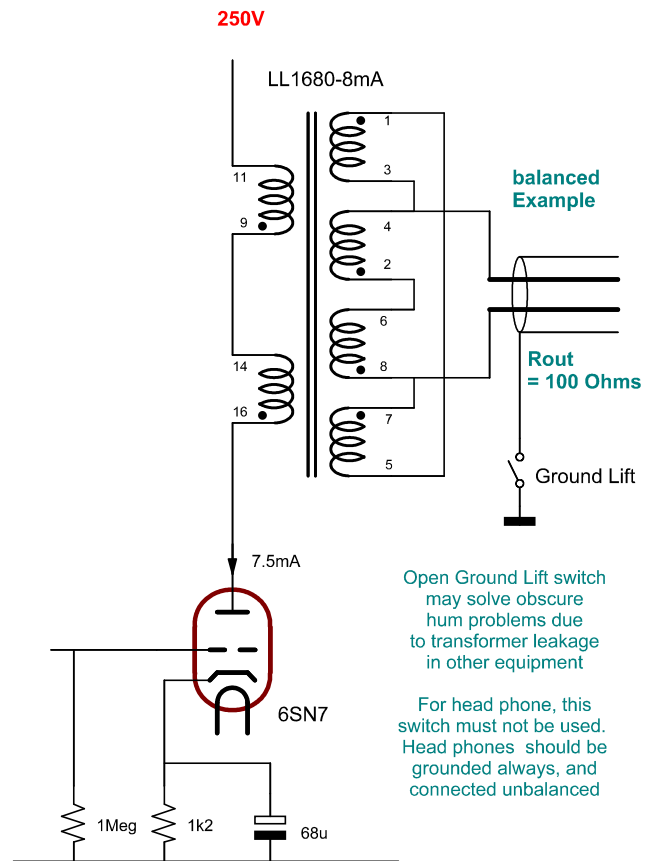


Total gain = 1.7
Frequency Range
5...55kHz
Pre Amp output
or
Head Phone amplifier



Total gain = 2
Frequency Range
5...50kHz
Output impedance
too high for head phone,
but perfect as Pre Amp
amplifier

We show here some applications of the Lundahl LL1690 transformer. It was made to meet or exceed the specifications of the legendary UTC transformer LS-27. This transformer, originally used by RCA in Tube Mike Preamps, such as the famous BC-2B Console is still an expensive item.

This reproduction called LL1680, has high impedance sections isolated with paper, same as the original. This minimizes internal capacitance. Each coil consists of three sections to optimize leakage inductance versus inter winding capacitance.

For HiFi, it is an ideal output transformer, because of its moderate size, it fits easily inside the amplifier bottom, and needs no transformer cap. Since in HiFi, we do not load the output with a very low impedance, the low frequency range of the LL1680 will be exceptionally good, and it can be driven with a great choice of output tubes. The high frequency range is very good by nature, because of the many intersecting, and moderate size of this transformer.

Document Title:	LL1680 Application, Pre Amp or Head Phone		
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	Power Supply Part		
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