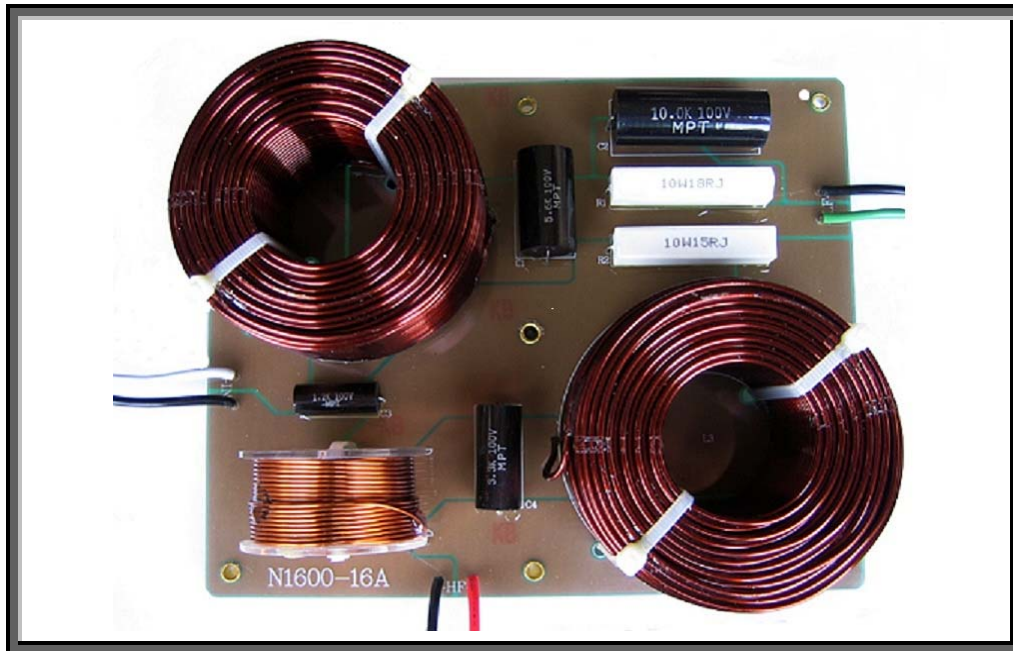




GREAT PLAINS AUDIO

# MODEL N1600-16A CROSSOVER NETWORK



The *Great Plains Audio Model N1600-16A* is a 12-dB/octave, dual-section, passive crossover network, having a center frequency of 1,600 Hertz. It is designed specifically to provide smooth response from the Altec Lansing Model 604E loudspeaker, throughout its bandwidth. This combination results in a speaker system that is ideal for use in high-quality audiophile systems, recording studios, home theatre, and professional sound system installations.

The N1600-16A crossover design optimizes the performance of the 604E loudspeaker. Measurements and listening tests, with a 604E loudspeaker properly loaded in its specified enclosure, confirm that our N1600-16A crossover design provides a smooth transition from the low frequency output, through the midrange frequencies, to the high frequency output.

The N1600-16A crossover is constructed using high quality components, including air-core inductors, polypropylene capacitors, and non-inductive wire wound resistors, which are all mounted to an over-sized-copper-trace printed-circuit board. Connections to the crossover are made using 12-gauge stranded wire, which allows for the efficient transfer of audio power from amplifier to speaker.

Because of the massive size of the air-core inductors, we recommend that the N1600-16A crossover be mounted inside the enclosure, on the bottom panel.

Although it is designed for the Altec Lansing 604E loudspeaker, our N1600-16A crossover is also quite suitable for use with the Altec Lansing 605A (and B-series) loudspeakers. Combine our N1600-16A crossover with a 604E, a 605A, or a 605B loudspeaker, and superior performance will be the result.

**GREAT PLAINS AUDIO, LLC.**

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*Specifications subject to change without notice. Overall performance will be maintained or improved.*

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