



N500-8H DIVIDING NETWORK



DESCRIPTION

The Altec Lansing Model N500-8H is a dedicated passive crossover designed to be used with the A5C/MRII594A and the A7/MR994A loudspeaker systems. The N500-8H has a nominal crossover frequency of 500 Hz and 12dB per octave slope. It is designed to have a flat frequency response throughout its bandwidth. The N500-8H was developed primarily using loudspeakers as loads.

The crossover frequency, power handling and frequency response is very predictable in real life loudspeaker applications. Excellent performance and reliability is achieved through the use of highest-quality components. The simplicity of this construction provides a very cost-efficient unit by including only components which are utilized with the intended horn and driver combinations.

SPECIFICATIONS

Type: Dual section LC passive crossover network

Power Rating: 75 watts³

Crossover Frequency: 500 Hz

Slope: 12 dB per octave

Impedance: 8 Ω

Connections: 5-way binding posts
Terminal block for H.F. output

Recommended Complimentary Components:

A5C/MR11594A, A7/MR994A, 902, 908 Series, 1 inch throat compression drivers. 288, 299 series 1.4 inch throat compression drivers. Altec Sectoral and Mantaray[®] horns for 1 inch throat compression drivers. 515-G series low frequency horn drivers. 816, 817, 828, and 210 vented horn enclosures.

Finish: Flat black

Dimensions: 4½" (11.4 cm) H
7½" (19.1 cm) W
5¾" (14.6 cm) D

Weight: 2 pounds

¹ Measured E2/R with pink noise bandlimited from 20 to 2000 Hz.

² All mounting holes and cutouts are the same as for the Altec N1285-8B.

ARCHITECT'S AND ENGINEER'S SPECIFICATIONS

The network shall be the dual section LC, passive, frequency-dividing type, having 12 dB per octave slope. Power rating shall be 75 watts when used with recommended Altec loudspeakers and enclosures. Crossover shall be at 500 Hz. Impedance shall be 8 Ω . Dimensions

shall be 4½" high, 7½" wide and 5¾" deep. The weight of the network shall be 2.0 pounds.

The dividing network shall be the Altec Lansing Model N500-8H.



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