SPECIFICATIONS

Type:	Duplex coaxial loudspeaker system with dividing network
Power Rating:	65 watts of continuous pink noise (20-20,000 Hz)
Frequency Response:	Uniform, 20 to 20,000 Hz
Pressure Sensitivity:	100 dB SPL at 4' with ALTEC 620A enclosure when measured on axis in the far (free) field with 1 watt input of band-limited pink noise from 100 to 10,000 Hz and calculated to 4' equivalent (Ref.: 0 dB = 0.0002 dyne/cm^2)
Impedance:	8 ohms
Nominal Free-Air LF Cone Resonance:	30 Hz
Distribution Pattern:	40°V x 90°H
Voice Coils—	
LF:	3" diameter, edge-wound copper ribbon
HF:	1¾" diameter, edge-wound aluminum ribbon
Magnets—	
LF:	Alnico, 4.4 pounds, 13,000 gauss flux density
HF:	Alnico, 1.2 pounds, 15,500 gauss flux density
Frame:	Structurally reinforced die-cast aluminum
Dividing Network (furnished):	Dual full section with 1500 Hz crossover frequency, 12 dB/octave slope (LF), 18 dB/octave slope (HF) and HF shelving control with 20 dB range
Dimensions:	16" (40.6 cm) diameter 11⅛" (28.3 cm) deep
Weight:	34 pounds (15.4 kg) (includes dividing network)
Finish:	Dark gray enamel
Mounting Data— Baffle Opening:	14⅛" (35.9 cm) (front or rear mount)
Mounting Bolt Centers:	8 or 4 bolts equally spaced on 15" (38.1 cm) diameter circle
Recommended Enclosures:	ALTEC 612C Speaker Cabinet ALTEC 620A Speaker Cabinet

ARCHITECT'S AND ENGINEER'S SPECIFICATIONS

The loudspeaker system shall be a two-way coaxial, with a separate magnet structure for each section and a dual full-section dividing network. The HF section shall have an aluminum diaphragm having tangential compliance and loaded with an exponentially expanded multicellular horn. The loudspeaker system shall meet the following criteria. Power rating, 65 watts of continuous pink noise from 20-20,000 Hz. Frequency response, uniform from 20-20,000 Hz. Pressure sensitivity, 100 dB SPL at 4' when measured on axis with 1 watt input of band-limited pink noise from 100-10,000 Hz. Impedance, 8 ohms. Nominal free-air LF cone resonance, 30 Hz. Distribution pattern, 40°V x 90°H. Crossover frequency, 1500 Hz with 12 dB/octave slope (LF) and 18 dB/octave slope (HF). Voice coils; 3" diameter of edge-wound copper ribbon (LF), 1¾" diameter of edge-wound aluminum ribbon (HF). Magnets; Alnico, 4.4 pounds (LF), 1.2 pounds (HF). Flux density, 13,000 gauss (LF), 15,500 gauss (HF). Dimensions, 16" diameter x 11⅛" deep. Weight, 34 pounds.

The loudspeaker system shall be the ALTEC Model 604-8G.

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