

ALTEC
the sound of experience.

873A

Barcelona

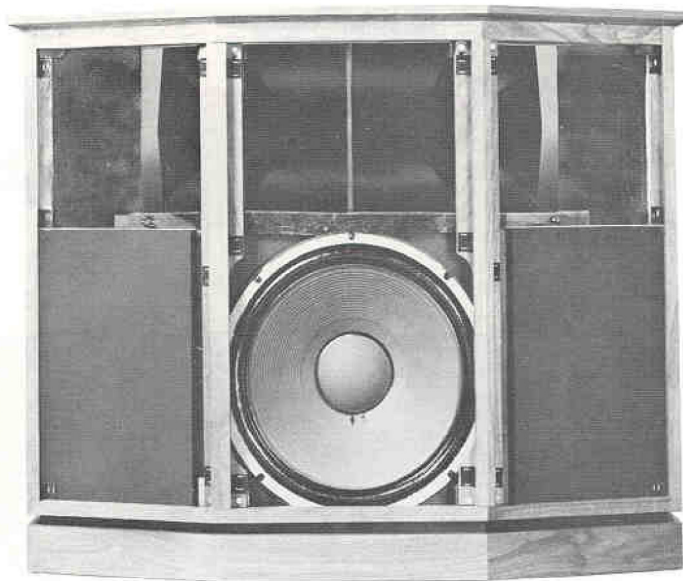
Speaker System



873A Barcelona Speaker System

Hear the sound of experience at its very best in the Altec 873A Barcelona. A direct descendant of the renowned "Voice of the Theatre" family, the Barcelona lets you hear your music the way professional recording engineers first heard it in the studio - powerfully real. Crafted inside and out of the finest materials available, this masterful blend of old world care and new world technology is the crowning touch to a fine sound system.

Inside, the Barcelona features a home version of Altec's professional studio monitor system specifically designed to recreate all of the depth and delicacy of today's dynamically recorded music. By maximizing the low distortion advantages of the sealed enclosure concept, the massive 15-inch frame Dynamic Force low frequency transducer generates bass frequencies that are rich and robust at low listening levels, and thunderously pure at concert hall intensity. Its 18 pound magnetic structure delivers an exceptionally high concentration of energy to the gap, where a 4-inch edgewound copper voice coil efficiently translates the incoming electrical signal into mechanical energy that's an exact duplicate of the original input. In addition, optimum linearity of its 133 square inch piston cone is assured by a highly compliant molded surround affixed to a solid die cast frame. At 500 Hz, a professionally precise dividing network channels all high frequencies to a powerful compression driver coupled to a critically engineered cast sectoral horn, resulting in the kind of acoustic excitement that only a high quality horn/driver can create. On the network itself, a high frequency continuously variable



shelving control is provided for adjustment of high frequencies to the particular characteristics of the listening room.

The Barcelona is also available with Altec's exclusive 770A Electronic Cross-over/Biampifier installed. **(Model 2873A)** This highly sophisticated component takes the place of a conventional passive network and combines a super-low distortion 60 Watt RMS bass amplifier and an equally fine 30 Watt RMS high frequency amplifier on a single integrated chassis. The biampified Barcelona reproduces even the most

complex musical information with all of the purity and distortion-free power that critical audio enthusiasts demand.

In either version, luxurious styling and obvious hand craftsmanship make the Barcelona as rich in appearance as it is in sound. Three formed panels of handsome fretwork are the perfect complement to its elegant hand-rubbed oiled walnut cabinet. The Barcelona is truly fine furniture at its finest.

The Altec 873A Barcelona and 2873A Barcelona Biampified Speaker Systems. The sound results of experience.

Specifications:

Loudspeaker Components: Low Frequency - 15" frame Dynamic Force bass driver with a 133 square inch effective piston area

High Frequency - "Voice of the Theatre" horn and compression driver

Nominal Impedance - 8 ohms

Power Rating: 873A - 60 Watts*

2873A - 90 Watts continuous; Bass amplifier - 60 Watts continuous; High Frequency amplifier - 30 Watts continuous

Crossover Frequency: 873A/2873A - 500 Hz

Pressure Sensitivity - 91.0 dB SPL**

Enclosure - Selected walnut veneers on high density compressed wood with solid walnut trim

Finish - Hand-rubbed oiled walnut

Grille - Formed fretwork with snap-on mountings

Dimensions - 29-7/8"H x 38-1/2"W x 25"D 759mm H x 978mm W x 635mm D

Weight: 873A — 149 lbs. 67.6 Kg

2873A — 162 lbs. 73.5 Kg

Shipping Weight: 873A — 184 lbs. 83.4 Kg

2873A — 202 lbs. 91.6 Kg

*May be used for home entertainment use with amplifiers having up to equal continuous power rating.

**Measured at 4 feet, source of band-limited pink noise 500 to 3 kHz, 1 Watt input at rated impedance.

The sound of experience

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ALTEC
SOUND PRODUCTS DIVISION