

ALTEC
the sound of experience.

878B Santiago

Speaker System

2878B Santiago

Bi-amplified Speaker System



878B Santiago Speaker System

2878B Santiago Bi-amplified Speaker System

Altec's experience in advanced acoustic design is definitively expressed in this new generation from the renowned "Voice of the Theatre" family - the Santiago. Engineered for the ultra-critical ear and designed for the decorator's eye, the Santiago represents the ideal integration of technology and art.

Inside, the Santiago 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 volume 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 edge-wound copper voice coil efficiently translates the incoming electronic signal into mechanical energy that is 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 aluminum frame. At 800 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 to allow for adjustment of high frequencies to the particular characteristics of the listening room.



The Santiago is also available with Altec's exclusive 770A Electronic Crossover, Bi-amplifier installed. (Model 2878B) 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 bi-amplified Santiago reproduces even the most complex musical information with all of the purity and distortion-free power that critical audio enthusiasts demand.

In either version, the Santiago's furniture styling is visual proof that contemporary design can still be classically elegant. Luxurious oiled walnut is tastefully blended with a black composition slate top and a geometrically sculptured grille of Charcoal reticulated foam, making the Santiago a handsome addition to almost any room - regardless of decor.

The Altec 878B Santiago and 2878B Santiago Bi-amplified Speaker Systems. Contemporary examples of excellence through 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: 878B - 60 Watts*

2878B - 90 Watts continuous; Bass amplifier - 60 Watts continuous; High Frequency amplifier - 30 Watts continuous

Crossover Frequency: 878B/2878B - 800 Hz

Pressure Sensitivity - 91.0 dB SPL**

Enclosure - Selected walnut veneers on high density compressed wood with composition slate top

Finish - Hand-rubbed oiled walnut

Grille - Charcoal sculptured reticulated foam with snap-in mounting

Dimensions: 878B - 30-1/8" H x 26-5/8" W x 18-1/2" D 765mm H x 676mm W x 495mm D

2878B - 30-1/8" H x 26-5/8" W x 21-1/2" D 765mm H x 676mm W x 546mm D

Weight: 878B — 110 lbs. 49.9 Kg

Shipping Weight: 878B — 124 lbs. 57.6Kg

2878B — 123 lbs. 55.8 Kg

2878B — 138 lbs. 62.6Kg

*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
1515 South Manchester
Anaheim, California 92803

