

Voice of the Theatre

**ALTEC
LANSING**

YOU AIN'T HEARD NOTHIN' YET!

Al Jolson said it in *The Jazz Singer* in 1927; and Altec Lansing's experience with theatre loudspeakers had begun.

Theatre-goers have listened to more soundtracks through Altec Lansing loudspeakers than through any others. The reference standard for Hollywood sound directors, they are the only loudspeakers recommended by the Research Council of the Academy of Motion Picture Arts and Sciences. They fill a movie theatre with rich, full music and thunderous effects, while still allowing the dialogue to be crisp and clear. Their realism and accuracy draw the audience into the film. Their high efficiency makes miserly use of amplifier power. Their dependability year in and year out is legendary among theatre owners and service representatives. They are, truly, the VOICE OF THE THEATRE®.

The A1, A2, and A4 VOICE OF THE THEATRE loudspeakers fill the needs of the largest theatres, arenas, auditoriums, and stadiums. The A1, A2, and A4-X feature a Y-throat behind the horn and two compression drivers for greater sound pressure levels. The A4 and A4-X use a powerful low frequency cabinet, seven-feet tall and almost three-feet wide, with two bass drivers. Braced wings on each side improve efficiency at the lowest frequencies. The A2 has an additional cabinet and two more bass drivers making it the no-compromise choice for large theatres that need big bass for today's higher fidelity soundtracks. The A1 uses six bass drivers for the ultimate wall of sound. All these cabinets can be turned on their sides and raised on scaffolding for better midrange coverage across the front row and improved stereo effect.

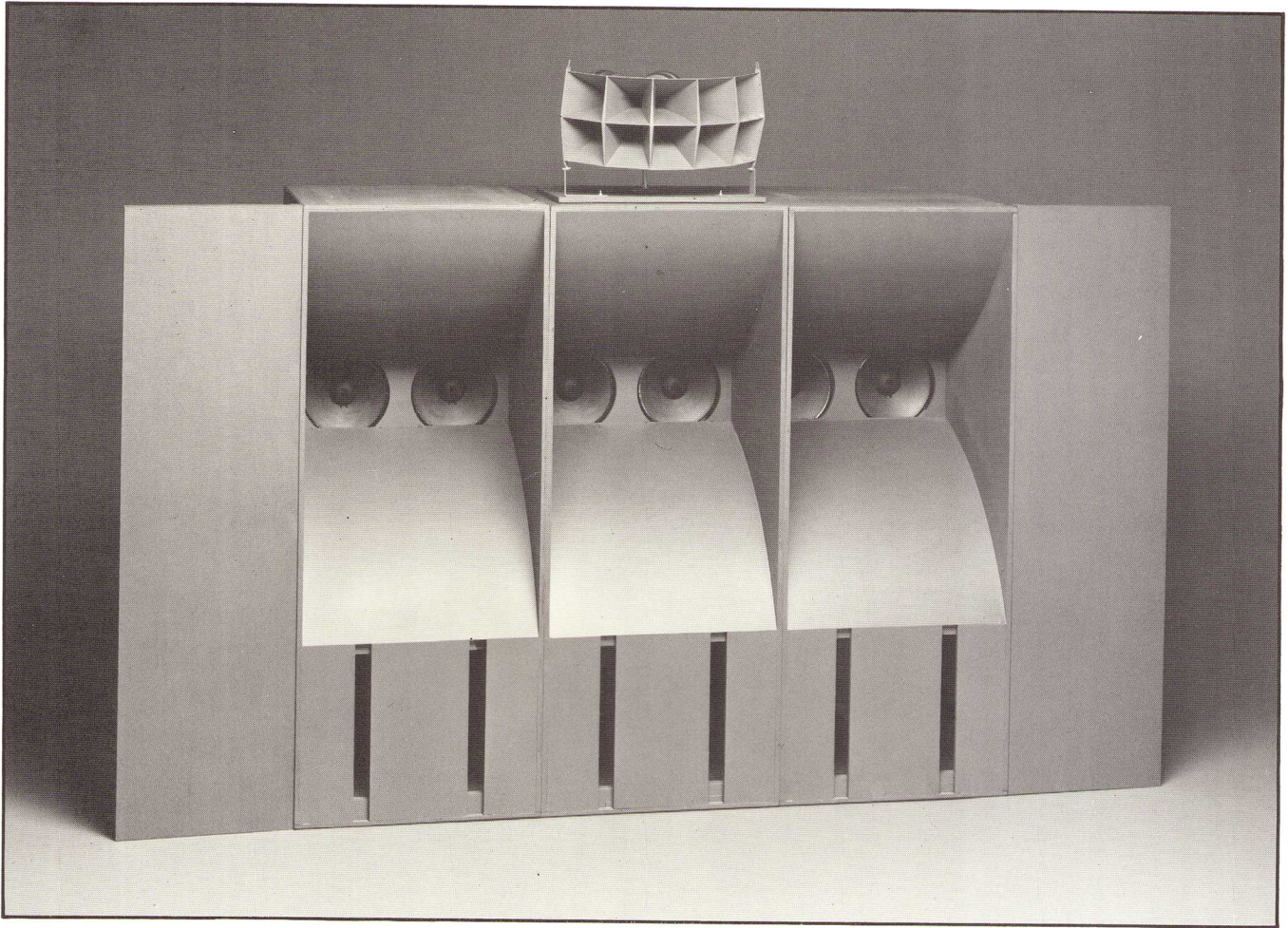
Altec Lansing's new MANTARAY® constant directivity high frequency horn is available as part of the A4 loudspeaker system, instead of the usual multicellular horn. The theatre sound engineer will need a MANTARAY horn in very reverberant theatres or those with difficult architecture. The improvement in intelligibility can be miraculous. In all theatres, the MANTARAY gives improved coverage and more uniform frequency response throughout the seating area.

The A5 and A7-500 VOICE OF THE THEATRE loudspeaker systems meet the needs of today's smaller, multiple theatres. They use a carefully designed low frequency cabinet and single bass driver. The A5 is available with a choice of high frequency horns to cover a variety of seating arrangements. The A7-500 uses a sectoral horn for typical theatres with lower reverberation times. The A5 and A7-500, while smaller and less costly than the A4 style, retain the distinctive qualities that make the VOICE OF THE THEATRE unique.

The A8 VOICE OF THE THEATRE loudspeaker system retains its popularity as a surround speaker and in the smallest screening rooms, where its 12" depth solves a variety of space problems. It is the speaker-of-choice when VOICE OF THE THEATRE performance and reliability are needed in a very small package.

Today VOICE OF THE THEATRE continues its tradition of quality engineering and craftsmanship while utilizing the most advanced technology. More than ever, the ideal motion picture theatre loudspeaker system is VOICE OF THE THEATRE from Altec Lansing—*the sound of experience.*

ALTEC LANSING A1 SYSTEM

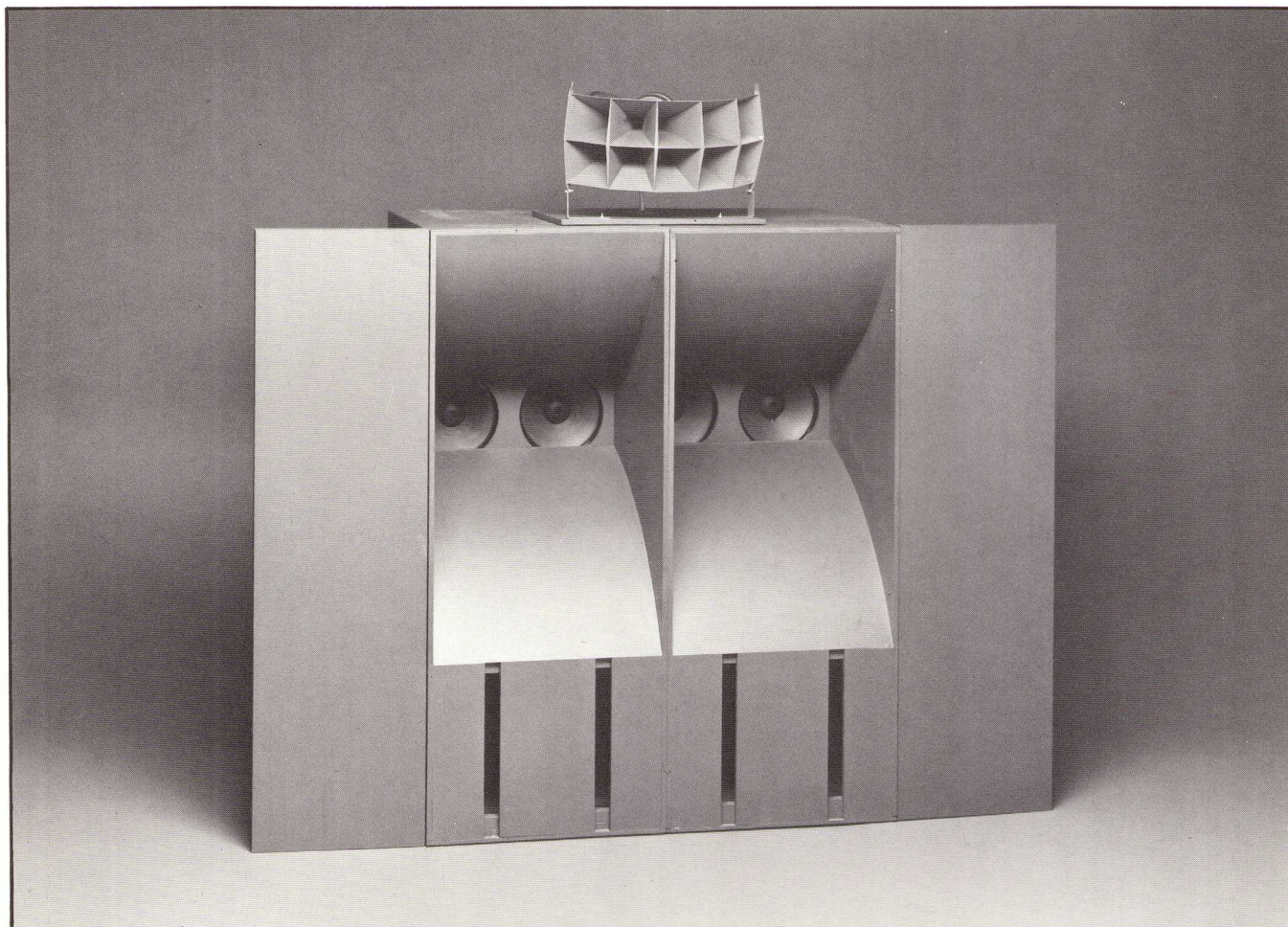


VOICE OF THE THEATRE Systems and Components

System Model Number	Low Frequency Drivers	High Frequency Drivers	High Frequency Horns	Throats	Networks	Low Frequency Cabinet
A1A-X/1005B	(6) 515E	(2) 288-16K	(1) 1005B	(1) 30170	Bi-amplification	(3) 210
A1A-X/1505B	(6) 515E	(2) 288-16K	(1) 1505B	(1) 30172	Required	(3) 210

Model	System Height	System Width	System Depth	Unequalized Frequency Response	Distribution Pattern	Impedance	Crossover Frequency	Weight
A1A-X/1005B	102½ in. (260 cm)	150 in. (381 cm)	39½ in. (100 cm)	40—15,000	40° V by 100° H	16 ohm	500 Hz	1664 lb. (755 kg)
A1A-X/1505B	108½ in. (276 cm)	150 in. (381 cm)	39½ in. (100 cm)	40—15,000	60° V by 105° H	16 ohm	500 Hz	1674 lb. (759 kg)

ALTEC LANSING A2 SYSTEM

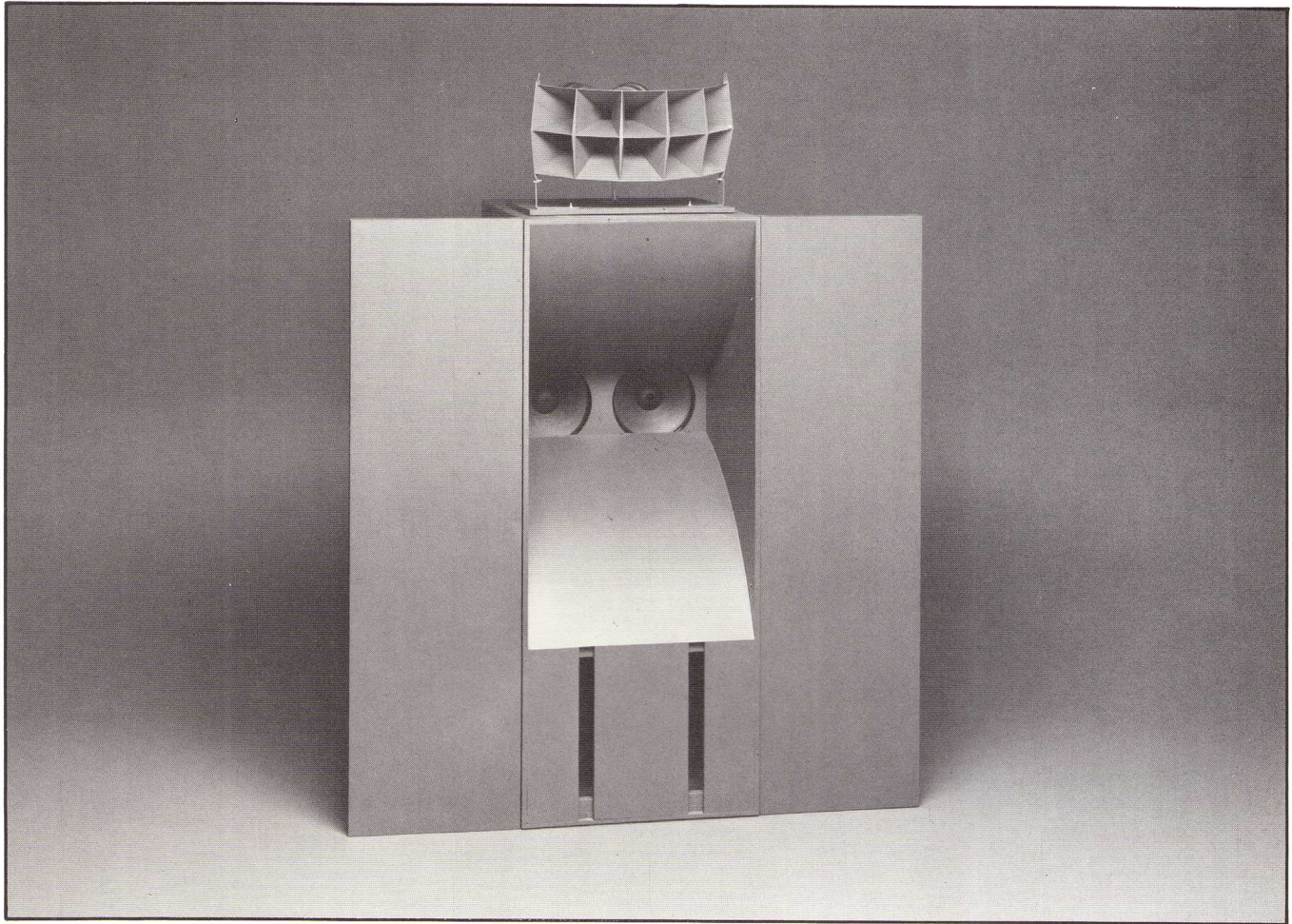


VOICE OF THE THEATRE Systems and Components

System Model Number	Low Frequency Drivers	High Frequency Drivers	High Frequency Horns	Throats	Networks	Low Frequency Cabinet
A2A-X/1005B	(4) 515E	(2) 288-16K	(1) 1005B	(1) 30170	N500F/(1) 15067	(2) 210
A2A-X/1505B	(4) 515E	(2) 288-16K	(1) 1505B	(1) 30172	N500F/(1) 15067	(2) 210

Model	System Height	System Width	System Depth	Unequalized Frequency Response	Distribution Pattern	Impedance	Crossover Frequency	Weight
A2A-X/1005B	102½ in. (260 cm)	116 in. (295 cm)	39½ in. (100 cm)	40—15,000	40° V by 100° H	16 ohm	500 Hz	1155 lb. (524 kg)
A2A-X/1505B	108½ in. (276 cm)	116 in. (295 cm)	39½ in. (100 cm)	40—15,000	60° V by 105° H	16 ohm	500 Hz	1165 lb. (528 kg)

ALTEC LANSING A4 SYSTEM

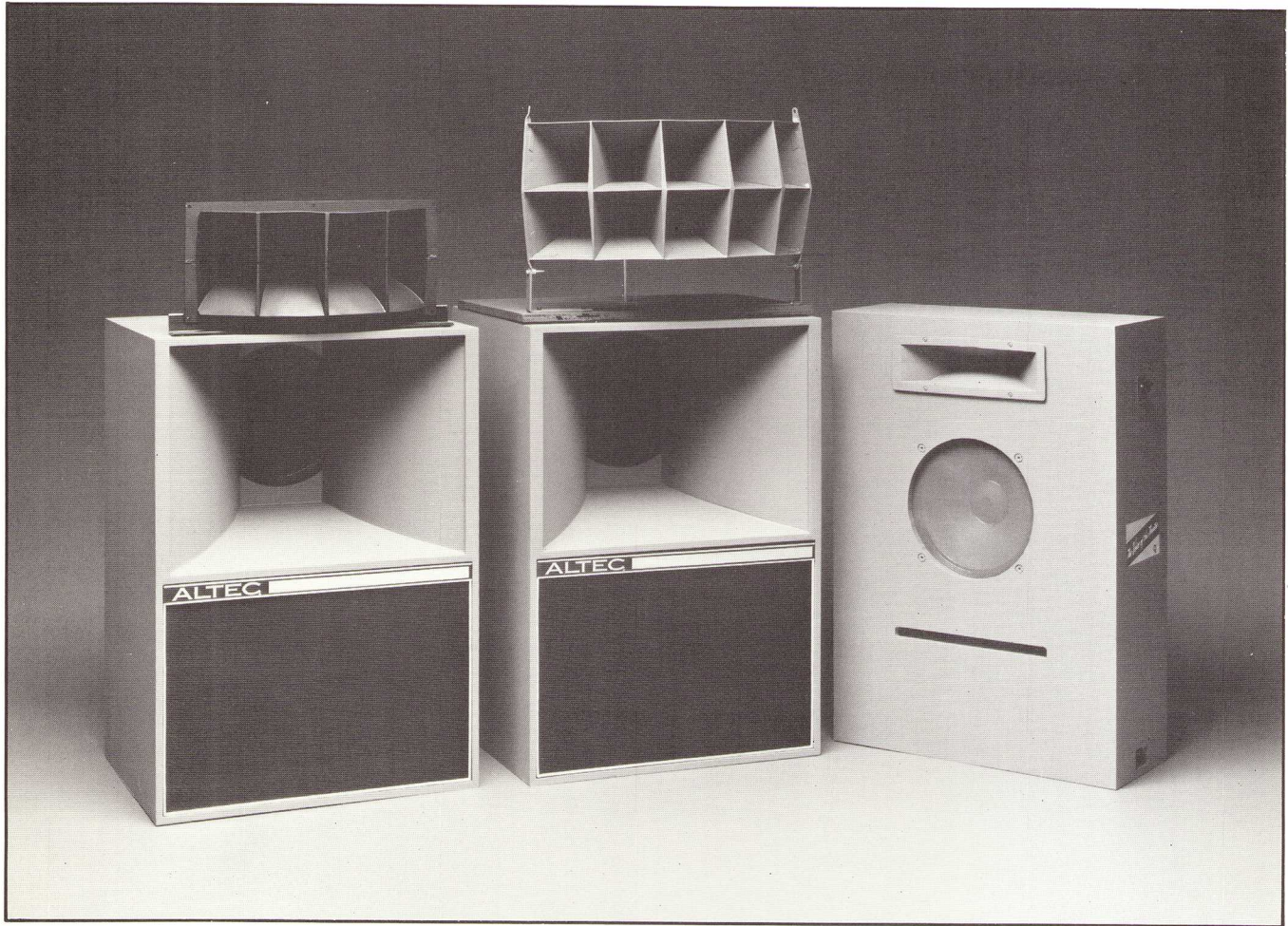


VOICE OF THE THEATRE Systems and Components

System Model Number	Low Frequency Drivers	High Frequency Drivers	High Frequency Horns	Throats	Networks	Low Frequency Cabinet
A4A/805B	(2) 515E	(1) 288-16K	(1) 805B	(1) 30162	N500F/(1) 15067	(1) 210
A4A/1005B	(2) 515E	(1) 288-16K	(1) 1005B	(1) 30210	N500F/(1) 15067	(1) 210
A4A/1505B	(2) 515E	(1) 288-16K	(1) 1505B	(1) 30166	N500F/(1) 15067	(1) 210
A4A/MR94	(2) 515E	(1) 288-16K	(1) MR94	Included with Horn	N500F/(1) 15067	(1) 210
A4A-X/1005B	(2) 515E	(2) 288-16K	(1) 1005B	(1) 30170	N500F/(2) 15067	(1) 210
A4A-X/1505B	(2) 515E	(2) 288-16K	(1) 1505B	(1) 30172	N500F/(2) 15067	(1) 210

Model	System Height	System Width	System Depth	Unequalized Frequency Response	Distribution Pattern	Impedance	Crossover Frequency	Weight
A4A/805B	102½ in. (260 cm)	82 in. (208 cm)	39½ in. (100 cm)	40—15,000	40° V by 80° H	16 ohm	500 Hz	623 lb. (283 kg)
A4A/1005B	102½ in. (260 cm)	82 in. (208 cm)	39½ in. (100 cm)	40—15,000	40° V by 100° H	16 ohm	500 Hz	626 lb. (284 kg)
A4A/1505B	108½ in. (276 cm)	82 in. (208 cm)	39½ in. (100 cm)	40—15,000	60° V by 105° H	16 ohm	500 Hz	639 lb. (290 kg)
A4A/MR94	110 in. (279 cm)	82 in. (208 cm)	39½ in. (100 cm)	40—15,000	40° V by 90° H	16 ohm	500 Hz	632 lb. (287 kg)
A4A-X/1005B	102½ in. (260 cm)	82 in. (208 cm)	39½ in. (100 cm)	40—15,000	40° V by 100° H	16 ohm	500 Hz	646 lb. (293 kg)
A4A-X/1505B	108½ in. (276 cm)	82 in. (208 cm)	39½ in. (100 cm)	40—15,000	60° V by 105° H	16 ohm	500 Hz	656 lb. (298 kg)

ALTEC LANSING A7-500 SYSTEM, A5 SYSTEM, A8 SYSTEM

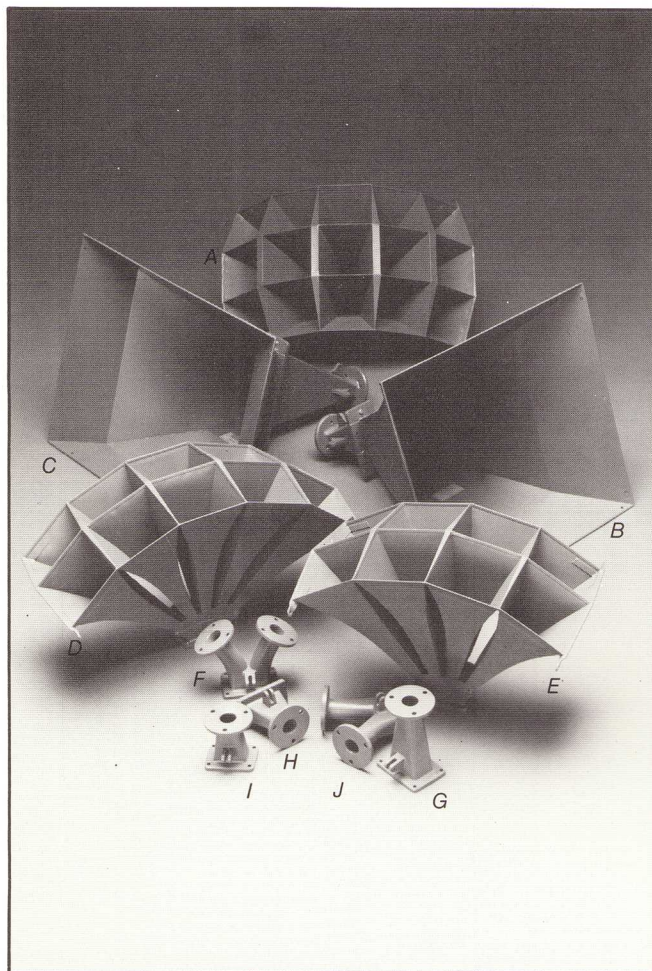


VOICE OF THE THEATRE Systems and Components

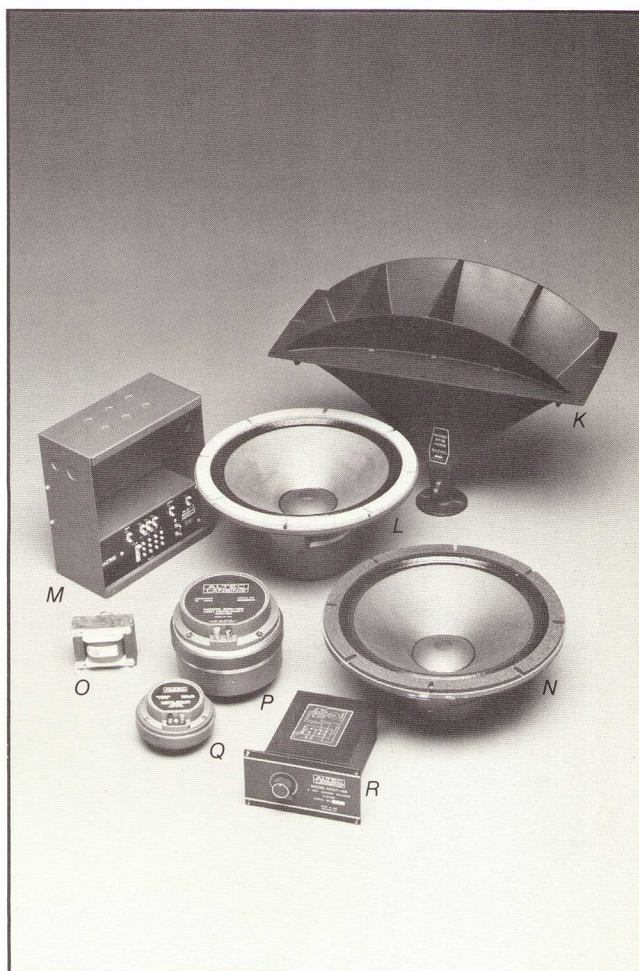
System Model Number	Low Frequency Drivers	High Frequency Drivers	High Frequency Horns	Throats	Networks	Low Frequency Cabinet
A5A/805B	(1) 515E	(1) 288-16K	(1) 805B	(1) 30162	N500F	(1) 828-E
A5A/1005B	(1) 515E	(1) 288-16K	(1) 1005B	(1) 30210	N500F	(1) 828-E
A5A/1505B	(1) 515E	(1) 288-16K	(1) 1505B	(1) 30166	N500F	(1) 828-E
A7-500-8E	(1) 416-8C	902-8T	511B & 511MB	Not Required	N501-8B	(1) 828-E
A8-16B	Shipped Assembled. Individual components available as replacement parts only.					

Model	System Height	System Width	System Depth	Unequalized Frequency Response	Distribution Pattern	Impedance	Crossover Frequency	Weight
A5A/805B	59 in. (150 cm)	30 in. (76 cm)	27¾ in. (71 cm)	40—15,000	40° V by 80° H	16 ohm	500 Hz	240 lb. (109 kg)
A5A/1005B	59 in. (150 cm)	30 in. (76 cm)	30½ in. (78 cm)	40—15,000	40° V by 100° H	16 ohm	500 Hz	243 lb. (110 kg)
A5A/1505B	64 in. (163 cm)	30½ in. (78 cm)	30½ in. (78 cm)	40—15,000	60° V by 105° H	16 ohm	500 Hz	256 lb. (116 kg)
A7-500-8E	54½ in. (138 cm)	30 in. (76 cm)	24 in. (61 cm)	40—18,000	40° V by 90° H	8 ohm	500 Hz	206 lb. (93 kg)
A8-16B	42 in. (107 cm)	30½ in. (78 cm)	12¼ in. (31 cm)	40—18,000	60° V by 90° H	16 ohm	800 Hz	106 lb. (48 kg)

ALTEC LANSING HIGH AND LOW FREQUENCY ACOUSTICAL COMPONENTS



Model Number	Component
A 1505B	MULTICELLULAR HORN
B MR64	MANTARAY HORN
C MR94	MANTARAY HORN
D 1005B	MULTICELLULAR HORN
E 805B	MULTICELLULAR HORN
F 30170	Y-THROAT FOR 1005B HORN
G 30162	SINGLE THROAT FOR 805B HORN
H 30166	SINGLE THROAT FOR 1505B HORN
I 30210	SINGLE THROAT FOR 1005B HORN
J 30172	Y-THROAT FOR 1505B HORN



Model Number	Component
K 511B	SECTORAL HORN
L 515E	15-INCH LOW FREQUENCY SPEAKER
M N500F	500 Hz CROSSOVER NETWORK
N 416-8C	15-INCH LOW FREQUENCY SPEAKER
O 15067	AUTOFORMER
P 288-16K	HIGH FREQUENCY DRIVER (FOR LARGE HORNS)
Q 902-8T	HIGH FREQUENCY DRIVER (FOR 511B AND 32C HORNS)
R N501-8B	CROSSOVER FOR A7-500 SYSTEM

Available from your full service,
full line, theatre equipment dealer;



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