

speakers...The quality of a loudspeaker is determined by its frequency response, its efficiency and its lack of distortion...by its ability to reproduce accurately in sounds the electrical energy presented to it by the amplifier. The unsurpassed performance of Altec Lansing speakers is the direct result of years of experience and research in one of the world's most comprehensive acoustical laboratories...plus the matchless perfection of precision engineering and craftsmanship.



"duplex"® speakers

Altec's exclusive "Duplex" speakers are actually two mechanically and electrically independent high and low frequency loudspeakers mounted within a single physical

frame. They are, without exception, the finest speakers in the world. Every "Duplex" speaker carries the unconditional quality guarantee that it will reproduce smoothly and efficiently the entire frequency range from 30 to 22,000 cycles when mounted in a proper enclosure. No other speaker or combination of speakers carries such a guarantee.

604C 15"

This is the famous professional type speaker that has long been the standard of quality in the audio industry. Using an improved 15" cone and exclusive exponential multicellular horn and 1600 cycle network, the 604 "Duplex" speaker handles up to 50 watts of peak power without distortion. Guaranteed frequency response from 30 to 22,000 cycles, the superb 604 speaker has no equal at any price.

Price: \$165.00 including network

602A 15"

The 602 is a companion speaker to the 601 and is identical in every way except that it is mounted on a 15" frame and uses a 15" cone with a larger low frequency magnet for even greater efficiency in reproducing very low frequency bass. Unconditionally guaranteed frequency range: 30 to 22,000 cycles.

Price: \$126.00 including network

601A 12"

Here is a speaker that combines in one superlative unit an efficient 12" low frequency speaker with the outstanding 3000A high frequency driver unit and horn, plus a 3000 cycle crossover network. The 601 is unconditionally guaranteed for full, smooth frequency response from 30 to 22,000 cycles.

Price: \$108.00 including network

"biflex" speakers

Biflex single-cone speakers are a unique development of the famous Altec acoustic laboratories. Radically new in design concept, they efficiently reproduce a smooth frequency range never before achieved in any single cone speaker, thanks to Altec's exclusive multiple concentric compliance design. Like all Altec speakers, the new Biflex units have frequency ranges fully guaranteed by Altec Lansing Corporation.

415A 15"

The 415 is a 15" speaker which provides full bass and wide range frequency response, at a moderate price. Massive in construction, the 415 demonstrates the exciting performance that is possible using Altec's multiple concentric compliances principle. Guaranteed for a range of 30 to 14,000 cycles, the 415 is the finest speaker available in its price class.

Price: \$63.00

412A 12"

The 412 employs the Biflex multiple concentric compliances principle to give truly outstanding reproduction. High in efficiency, smoothness and breadth of frequency response, the 412 is guaranteed to have a range of at least 40 to 15,000 cycles when mounted in a proper enclosure. Here is a speaker designed to more than please the most critical listener.

Price: \$48.00

408A 8"

Here is the ideal speaker for systems where size or weight is critical. The efficiency of this economical unit is truly amazing. Using a large magnet and carefully designed magnetic structure the 408 achieves a brilliant performance that is outstanding for such a small unit. Using the Biflex principle, the compact 408 speaker has a guaranteed frequency range from 60 to 16,000 cycles.

Price: \$27.00

specifications for "biflex" and "duplex" speakers

	Power	Impedance	Magnet Weight	Voice Coil Diam.	Max. Cone Resonance	Distribution		Dimensions		Weight
						Hor.	Vert.	Diam.	Depth	
408A	15 watts	8 ohms	.65 lb.	1.7"	75 cycles			8-1/4"	3-7/16"	6 lbs.
412A	20 watts	8 ohms	1.8 lb.	3"	50 cycles			12-1/4"	5-5/8"	15 lbs.
415A	25 watts	8 ohms	2.4 lb.	3"	45 cycles			15-3/16"	7"	25 lbs.
601A	20 watts (30 peak)	8 ohms	1.8 lb.	3"	55 cycles	90°	40°	12-1/4"	5-5/8"	17 lbs. with network
602A	25 watts (30 peak)	8 ohms	2.4 lb.	3"	42 cycles	90°	40°	15-3/16"	7-1/4"	26 lbs. with network
604C	35 watts (50 peak)	16 ohms	5.6 lb.	3"	40 cycles	90°	40°	15-3/16"	11-1/8"	40 lbs. with network

