

THE BEST OF BOTH WORLDS

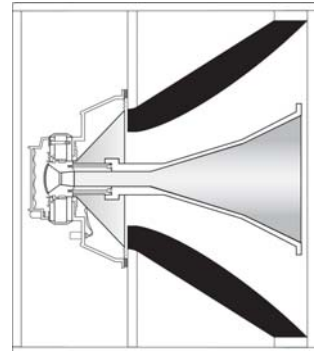
Your next project is a reverberant auditorium. The stage manager is demanding that the sound system be able to reproduce Broadway show tunes as well as the soliloquy from Romeo & Juliet's balcony scene. After your first meeting with the client, you are faced with another dilemma: the only place to hang the speakers is right in front of the stage, and the auditorium can't afford a cluster of DSP-steered four-way speaker systems.

**Speech? Music? Location? Cost?
Four problems. One solution.
Altec Lansing's DE-series speakers.**

The DE-series uses a proprietary high efficiency, high output single magnet point-source Duplex® speaker "engine" mounted in a 500 Hz bass horn cabinet. This unique combination virtually eliminates the interference and cancellation you get from adjacent devices in traditional two-way speaker systems, while allowing you to steer most of the damaging low frequency energy away from the performance areas. Altec's new LF215-4A dual 15"/380mm subwoofer system provides full-range music playback ability.

The Altec Lansing DE6412 and DE9412 provide you with the ability to reproduce both music and the spoken word...at a price point that allows you to profitably include it in the majority of your performance venues.

The DE-series from Altec Lansing delivers the best of both worlds.



The heart of Altec's DE6412 and DE9412 is the unique point-source 12"/300mm Duplex® engine component. The high frequency diaphragm is on the back of the magnet structure, and the low frequency voice coil is on the front. This means that all of the acoustic energy is generated in a 1.5" space, making it a true point-source speaker.

EXPERIENCE THE ALTEC LANSING DIFFERENCE!

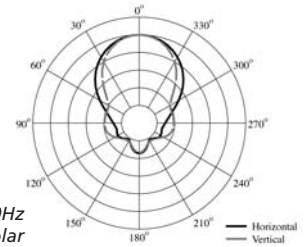
www.altecpro.com

**ALTEC
LANSING**
PROFESSIONAL

Featured:
DE6412-8A (Top)
LF215-4A (Middle)
DE9412-8A (Bottom)
Speakers are available
in charcoal grey or white.

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As this polar chart shows, when the 12"/380mm Duplex® engine component is loaded in a bass horn cabinet, you achieve control of the low frequency energy in the vertical and horizontal plane down to 500Hz. This low frequency control allows you to maximize gain before feedback, and steer the low frequency to the audience area while keeping it out of the microphones in the performance area.



DE6412-8A 500Hz
Vertical/Horizontal Polar

DE6412-8A Speaker	DE-9412-8A Speaker	LF215-4A Subwoofer
FREQUENCY RESPONSE 110 Hz - 15 kHz (±3 dB)	FREQUENCY RESPONSE 110 Hz - 15 kHz (±3 dB)	FREQUENCY RESPONSE 42 Hz - 650 Hz (±3 dB)
USABLE LOW FREQUENCY LIMIT (-10 dB) 85 Hz	USABLE LOW FREQUENCY LIMIT (-10 dB) 85 Hz	USABLE LOW FREQUENCY LIMIT (-10 dB) 33 Hz
SENSITIVITY Full Range: 102 dB SPL Low Frequency Section: 103 dB SPL, (2.83 V input) High Frequency Section: 109 dB SPL, (2.83 V input)	SENSITIVITY Full Range: 102 dB SPL Low Frequency Section: 103 dB SPL, (2.83 V input) High Frequency Section: 108 dB SPL, (2.83 V input)	SENSITIVITY 103 dB SPL, (2.00 V input)
POWER HANDLING Full Range: 400 W continuous; 1,600 W peak Low Frequency Section: 400 W continuous; 1,600 W peak High Frequency Section: 75 W continuous; 300 W peak	POWER HANDLING Full Range: 400 W continuous; 1,600 W peak Low Frequency Section: 400 W continuous; 1,600 W peak High Frequency Section: 75 W continuous; 300 W peak	POWER HANDLING 600 W continuous; 2,400 W peak
MAXIMUM OUTPUT (1 m) Full Range: 128 dB SPL continuous; 134 dB SPL peak Low Frequency Section: 126 dB SPL continuous; 132 dB SPL peak High Frequency Section: 128 dB SPL continuous; 134 dB SPL peak	MAXIMUM OUTPUT (1 m) Full Range: 128 dB SPL continuous; 134 dB SPL peak Low Frequency Section: 126 dB SPL continuous; 132 dB SPL peak High Frequency Section: 127 dB SPL continuous; 133 dB SPL peak	MAXIMUM OUTPUT (1 m) 131 dB SPL continuous; 137 dB SPL peak
TRANSUCER COMPONENTS LF: 1x 12 in. Woofer in a Sealed Mid-Bass Horn (E1012) HF: 1x 1.4 in. Exit Compression Driver (E1012 on a Constant Directivity Mantaray Horn)	TRANSUCER COMPONENTS LF: 1x 12 in. Woofer in a Sealed Mid-Bass Horn (E1012) HF: 1x 1.4 in. Exit Compression Driver (E1012 on a Constant Directivity Mantaray Horn)	TRANSUCER COMPONENTS 2x 15 in. Woofers (4156-8A)
CROSSOVER FREQUENCY Passive LF - HF: 1,000 Hz	CROSSOVER FREQUENCY Passive LF - HF: 1,000 Hz	INPUT CONNECTIONS 2x 4 position barrier strip and 2x NL4
INPUT CONNECTIONS 2x 4 position barrier strip and 2x NL4	INPUT CONNECTIONS 2x 4 position barrier strip and 2x NL4	CONTROLS Drivers in Parallel or Split Mode switch
CONTROLS Lowpass On/Off and Highpass On/Off switches	CONTROLS Lowpass On/Off and Highpass On/Off switches	ENCLOSURE MATERIALS & FINISH 18 mm, 13 ply Birch Plywood Finished with Catalyzed Polyurethane
ENCLOSURE MATERIALS & FINISH 18 mm, 13 ply Birch Plywood Finished with Catalyzed Polyurethane	ENCLOSURE MATERIALS & FINISH 18 mm, 13 ply Birch Plywood Finished with Catalyzed Polyurethane	DIMENSIONS 37.50 in. (H) x 24.13 in. (W) x 26.13 in. (D) x 10.13 in. (W rear) 953 mm (H) x 613 mm (W) x 664 mm (D) x 257 mm (W rear)
DIMENSIONS 27.13 in. (H) x 24.13 in. (W) x 26.13 in. (D) x 10.13 in. (W rear) 689 mm (H) x 613 mm (W) x 664 mm (D) x 257 mm (W rear)	DIMENSIONS 27.13 in. (H) x 24.13 in. (W) x 26.13 in. (D) x 10.13 in. (W rear) 689 mm (H) x 613 mm (W) x 664 mm (D) x 257 mm (W rear)	WEIGHT Net 133 lbs. (60.5 kg) Shipping 150 lbs. (68.0 kg)
WEIGHT Net 114 lbs. (51.8 kg) Shipping 127 lbs. (57.7 kg)	WEIGHT: Net 114 lbs. (51.8 kg) Shipping 127 lbs. (57.7 kg)	

All three speakers are offered in charcoal grey or white, with contrasting cloth-covered metal grilles.

A piece of neutral grille cloth is included with each speaker that can be dyed to match any décor.

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