

CV6

Powered Ceiling Speaker



FEATURES – THE ALTEC LANSING DIFFERENCE

- High-Definition 6.5" Duplex™ Speaker
- Bi-Amplified with Dual Channel Digital Power Amplifier
- DSP Processing Maximizes Performance
- Cat5 Plug+Play via DPL™ (patent pending)
- Patent Pending *Freehand*™ Easy Install System
- Volume Control
- Optional Décor Grilles
- Ships in Pairs as model **2CV6**

GENERAL PRODUCT DESCRIPTION

Altec Lansing's **CommStar**™ is an exciting alternative to conventional 25/70/100V distributed sound systems. A typical CommStar system consists of one or more power supplies connected via Cat5 to high-fidelity powered speakers. The Cat5 carries low voltage power and digital audio to the speaker(s).

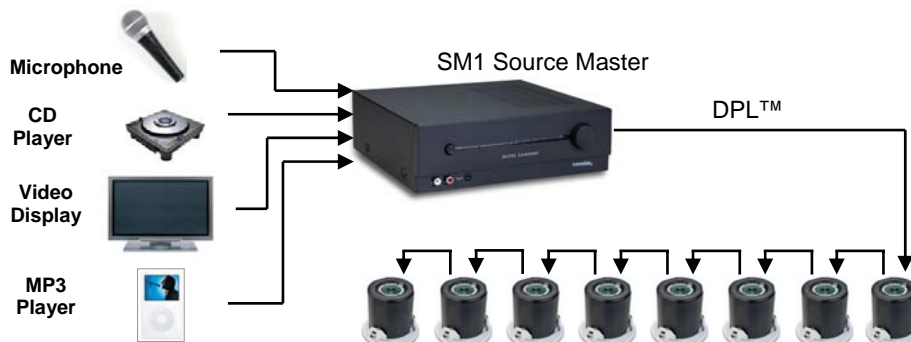
The CV6 Powered Ceiling Speaker starts with a powerful 20 oz. 6.5" woofer and 1" horn-loaded silk dome tweeter. A dual-channel digital power amplifier drives the woofer and tweeter with a dedicated channel for each. A powerful DSP engine provides crossover, equalization, limiter protection, and digital-to-analog conversion. The speaker and electronics are housed in a steel enclosure. A convenient volume control is located on the ported baffle under a twist & lock grille assembly that can be easily removed when adjustments are necessary. In addition, optional grilles are available for architects that prefer different appearances. Standard Cat5 cable terminated with RJ45 connectors daisy chain to deliver supply voltage and digital audio to each speaker. The new *Freehand*™ Easy-to-Install mounting system reduces labor costs significantly. Cut the hole, insert the RJ45 connector, push the speaker through the mounting ring, rotate slightly and release. The speaker is hanging on its clamps and only needs to be tightened.

APPLICATIONS

The **CommStar** CV6 Powered Ceiling Speaker is powered by the SM1 Source Master or the C1 Power Converter. It is perfect for sound reinforcement and/or public address needs. Meeting rooms, classrooms, waiting rooms, under-balcony, and retail spaces are only the beginning for the **CommStar** CV6 Powered Ceiling Speaker plug-n-play solution.

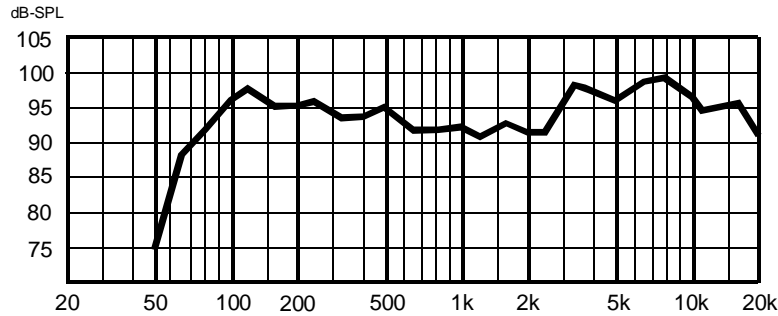
GENERAL SPECIFICATIONS

Frequency Response	65 Hz – 18 kHz (+5 dB)	
Coverage	110 degrees nominal	
Maximum SPL	107 dB peak	
Digital Power Link In/Out (DPL™)		
<i>Back Panel:</i>	interchangeable	2 x RJ45
Power On Indicator		
<i>Baffle Mounted:</i>	Blue LED	
Volume Control		
<i>Baffle Mounted:</i>	rotary shaft	use flat-tip screwdriver
Connections	standard Cat5 cable with RJ45 terminations	
Power Supply-to-first Speaker	<100 ft recommended	
Speaker-to-Speaker	<50 ft recommended	
Enclosure	Baffle & Grille	Matte White
	Back Can	Black
Dimensions	9.875" dia x 8.6" deep	
	251mm dia x 218mm deep	
Cut-Out	8.875" (226mm)	
Weight	8.8 pounds (4.4 kg)	net weight
	25.0 pounds (11.3 kg) per pair	shipping weight
Power Requirements	SM1 Source Master	
	C1 Power Converter	
Included	C-Ring and Rails for dropped-tile ceiling installation	
Options		
	model 6PRing Plaster Ring (six units)	
	model DG1 Industrial Grille	matte white, paintable
	model RG1G Recessed Grille	dark gray, paintable
	model RG1W Recessed Grille	matte white, paintable

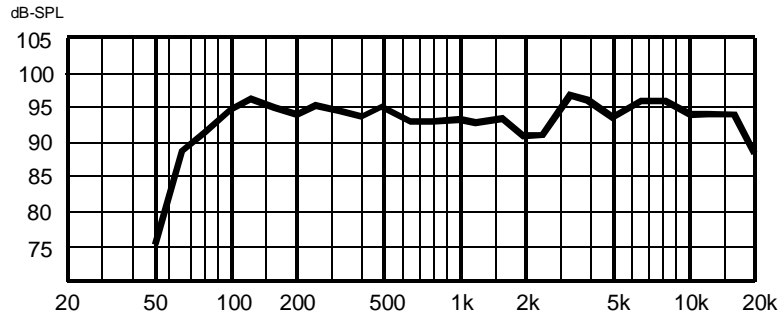


ARCHITECT’S AND ENGINEER’S SPECIFICATIONS









The loudspeaker system shall be a high fidelity type consisting of a 6.5 inch/165mm Duplex® loudspeaker component with 1 inch/25.4mm high frequency soft-dome tweeter. A DSP processor providing electronic crossover and equalization shall be internal to the loudspeaker enclosure. Also internal to the loudspeaker enclosure shall be a dual channel power amplifier. The signal input shall be AES-EBU digital audio delivered via standard Cat5 cable terminated with RJ45 connectors. The loudspeaker system shall have an operating bandwidth of 65 Hz - 18 kHz (+5 dB) and be capable of delivering 107 dB peaks when measured at a distance of one meter. The loudspeaker shall have nominal conical coverage angle of 110 degrees. The dimensions shall be 9.875 inches in diameter by 8.6 inches deep. The loudspeaker system shall weigh 8.8 lbs./4.0 kg. The loudspeaker system shall be sold in pairs as the Altec Lansing Professional model **2CV6**.



MusicPath Frequency Response: CV6 + SM1 Source Master



Frequency Response: CV6 + C1 Power Converter

CV6 <i>Powered Ceiling Speaker</i>		SM1 <i>Source Master</i>	
2DG1W <i>Industrial Grille – white</i>		C1 <i>Power Converter</i>	
2RG1G <i>Recessed Grille – dark gray</i>		1RMK <i>Rack-Mount Kit</i>	
2RG1W <i>Recessed Grille – white</i>		1RVC <i>Remote-Volume-Control</i>	

As we are continually striving to improve Altec Lansing products, specifications are subject to change without notice.

VISIT WWW.ALTECPRO.COM FOR

- Specification sheets in .pdf format. Download page 1 of the specification sheet for your submittals.
- One paragraph A&E Specifications in .doc format

