

SV6

Powered Surface-Mount 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)
- Adjustable Wall-Mount Included
- Volume Control

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 SV6 Powered Surface-Mount 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 an attractive enclosure with adjustable wall-mount. A convenient volume control is located on the ported baffle under the grille assembly that can be easily removed when adjustments are necessary. Standard Cat5 cable terminated with RJ45 connectors daisy chain to deliver supply voltage and digital audio to each speaker. The easy-to-install mounting system routes the Cat5 cables out of sight within the wall-mount.

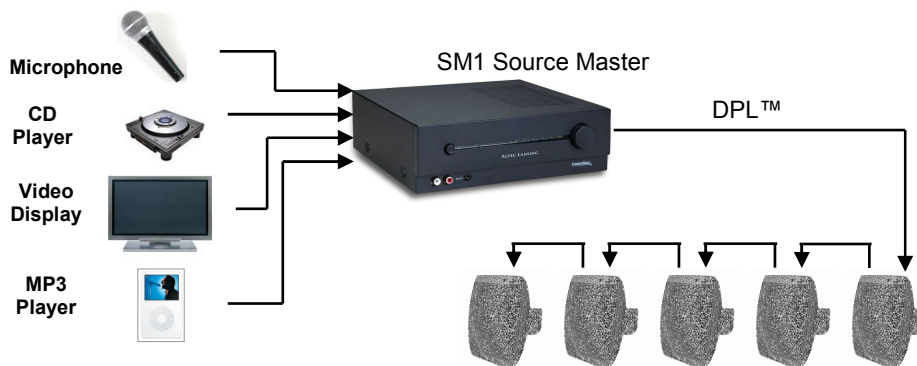
APPLICATIONS

The **CommStar** SV6 Powered Surface-Mount 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** SV6 Powered Speaker plug-n-play solution.



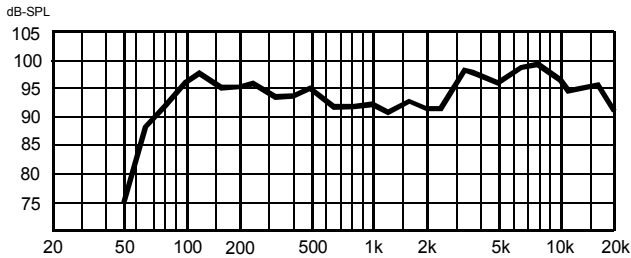
GENERAL SPECIFICATIONS

| | | |
|--------------------------------------|--|--------------------------|
| 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 | |
| <i>Power Supply-to-first Speaker</i> | <100 ft recommended | |
| <i>Speaker-to-Speaker</i> | <50 ft recommended | |
| Model | SV6W | Matte White |
| | SV6G | Dark Gray |
| Dimensions | 13.0" H x 8.5"W x 12.1" deep 303mm x 216mm x 307mm deep | |
| Weight | 9.5 pounds (4.3 kg) | net weight |
| | 11.5 pounds (5.2 kg) | shipping weight |
| Power Requirements | SM1 Source Master C1 Power Converter | |
| Included | Wall-mount | |

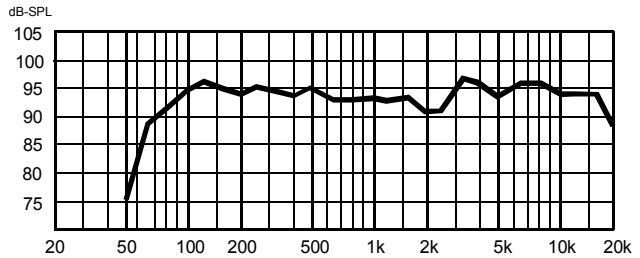


ARCHITECT'S AND ENGINEER'S SPECIFICATIONS

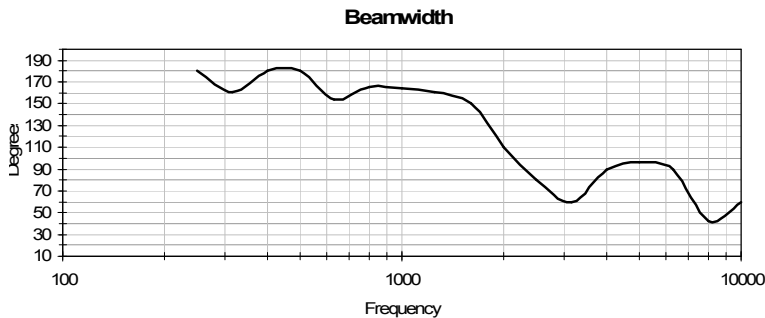
The loudspeaker system shall be a high fidelity type consisting of a 6.5 inch/165mm Duplex® loudspeaker component with 1 inch/25.4mm high frequency soft-dome tweeter. A DSP processor providing electronic crossover and equalization shall be internal to the loudspeaker enclosure. Also internal to the loudspeaker 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 13 inches tall by 8.5 inches wide by 12.1 inches deep. The loudspeaker system shall weigh 9.5 lbs./4.3 kg. The loudspeaker system shall be the Altec Lansing Professional model **SV6**.







MusicPath Frequency Response: CV6 + SM1 Source Master



Frequency Response: CV6 + C1 Power Converter



CommStar™ Components and Accessories:

| | | | |
|---|------|---|---|
|  | SM1 | Source Master | Accessories: 1RMK - Rack Kit 1RVC - Remote-Volume-Control CAT5X258 - 8 x 25' CAT5 cables |
|  | C1 | Power Converter | Accessories: 1RMK - Rack Kit 1RVC - Remote-Volume-Control |
|  | 2CV6 | Powered Ceiling Speaker (pair) | Accessories: 2DG1W - Industrial Grille (pair) 2RG1G - Regressed Grille (pair) dark gray 2RG1W - Regressed Grille (pair) white 6Pring - Plaster Ring (six per package) |
|  | SV6 | Powered Speaker (includes wall bracket) | SV6G - dark gray SV6W - white Accessories: 1JMG - Ceiling Mount Bracket (dark gray) 1JMW - Ceiling Mount Bracket (white) |

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



© 2006 Altec Lansing Professional • 1000 W. Wilshire Blvd., Suite 362 • Oklahoma City, Oklahoma 73116
Phone: 1.405.848.3108 • Fax: 1.405.848.3217 • Email: proinfo@alteclansing.com