



The Audio Solution For Your Digital World

C1

Power Converter



FEATURES – THE ALTEC LANSING DIFFERENCE

- Summed Stereo Input (RCA & Mini TRS)
- Cat5 Plug+Play via DPL™ (patent pending)
- Drives up to Eight CommStar™ Powered Speakers
- Expandable

GENERAL PRODUCT DESCRIPTION

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

The C1 Power Converter will drive up to eight (8) CommStar™ powered speakers. It features stereo RCA inputs and a Stereo 1/8" Mini jack on the back panel to provide a convenient way to input program sources from video monitors, projectors, DVD, CD, and most professional or consumer stereo devices. Stereo inputs are summed to mono. An optional Remote-Volume-Control (RVC) can provide level adjustment for all program inputs. Link Out function to other C1's allows system expansion.

APPLICATIONS

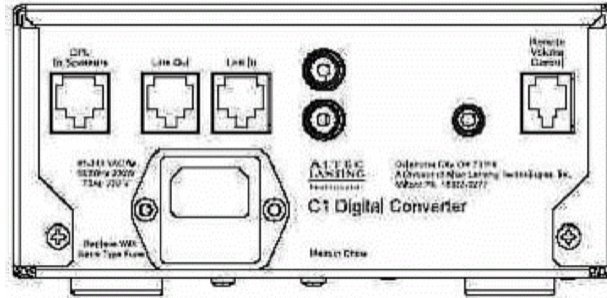
The C1 Power Converter is used to expand **CommStar™** systems needing more than eight powered speakers. The C1 can accept analog and/or AES-EBU digital audio from any professional audio source. It is perfect for sound reinforcement or public address needs. Meeting rooms, classrooms, waiting rooms, and under-balcony are only a few of the applications where the C1 can deliver high-fidelity distributed sound.

GENERAL SPECIFICATIONS

Stereo Inputs		
<i>Back Panel:</i> Dual RCA Jacks		0 dB Sensitivity
	Stereo Mini TRS	-10 dB Sensitivity
Digital Power Link	"DPL to Speakers"	
<i>Back Panel:</i> DC power & digital audio to speakers		RJ45
Digital Link Out	"Link Out"	
<i>Back Panel:</i> expansion port		RJ45
Digital Link In	"Link In"	
<i>Back Panel:</i> expansion port / AES-EBU input		RJ45
	(48kHz sampling rate)	
Remote-Volume-Control (RVC)		
<i>Back Panel:</i> connect optional model 1RVC		RJ11
Connections	standard Cat5 cable with RJ45 terminations	
SM1-to-first Speaker		<100 ft recommended
SM1-to-Last Speaker		<600 ft recommended
Dimensions	3.2"H x 6.6"W x 8.6" deep	
	81mm x 168mm x 218mm deep	
Weight	5.1 pounds (2.3 kg)	shipping weight
	4.0 pounds (1.8 kg)	net weight
Power Requirements	85 - 240VAC, 50 – 60 Hz, 200 watts	
Accessories		
model 1RMK		rack-mount kit (2RU)
model 1RVC		remote-volume-control



Rear Panel View



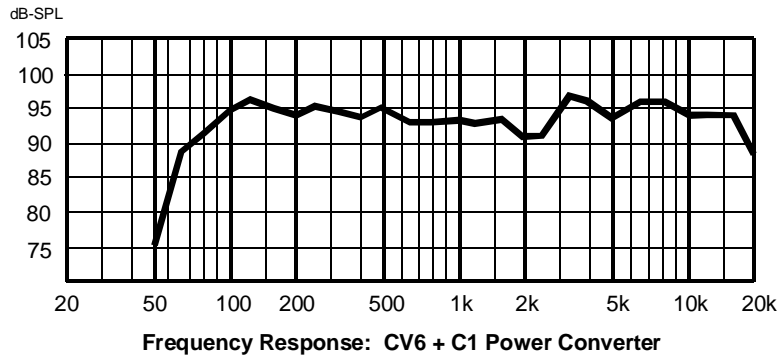
ARCHITECT’S AND ENGINEER’S SPECIFICATIONS






The unit shall be a power supply and A/D converter capable of driving up to eight of the CV6 or equivalent loudspeakers. The Power Supply shall include an internal power supply capable of fully operating on voltages from 90 to 240Vac and 50/60 Hz.

Four (4) unbalanced inputs on the back panel shall sum and route signal inputs to internal DSP processing. An RVC port (RJ11 connector) on the back panel shall provide optional remote-volume-control.

Link In and Link Out functions shall be provided for system expansion and direct AES-EBU input.

Output of the Power Supply shall be via RJ45 connector and standard Cat5 cable. Power and digital audio for up to eight (8) CV6 or equivalent loudspeakers shall be available from one power supply-converter. The Power Supply unit shall be no higher than two rack spaces and must be fully covered with a five year warranty. The dimensions shall be 6.6 inches (16.8cm) wide by 3.25 inches (8.3cm) high by 8.6 inches (21.8cm) deep. The power supply-converter shall weigh 3.9 pounds (1.8 kg). The power supply-converter shall be the Altec Lansing Professional model **C1**.



CV6 <i>Powered Ceiling Speaker</i>	
SM1 <i>Source Master</i>	
C1 <i>Power Converter</i>	
1RMK <i>Rack-Mount Kit</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

