CHANNEL VISION™ **by** CV Plus

AV and Structured Cable Products

Introducing

Crescendo

Multi-Room Audio

CRESCENDO™ By CHANNEL VISION™

High Powered CAT5 Audio System
A0240 40 Watt Stereo Amplifier

Channel Vision's Crescendo™ High Powered CAT5 Audio system distributes powerful, high quality audio throughout the home over standard CAT5 cable. The **A0240** 40 Watt Stereo Amplifier offers in-room amplification for the system. A stand-alone unit that connects to a power outlet, the A0240 supports a variety of uses.

Used with the A0302 Speaker to Line Level Converter, the A0240 acts as a dedicated zone amplifier and is ideal for powering speakers in hard to wire and retrofit locations. Use it to boost power on existing low powered distributed audio systems or to easily add a zone to an existing system. It can also easily power a system subwoofer with dedicated 80 watts amplification.

Its compact size makes it easy to conceal behind or underneath furniture, and its versatile power cable allows direct wall plug-on or tabletop operation. Easy installation, operation and flexibility make the A0240 the perfect amplifier for any audio system.

A0240

(Bottom View)

Features:
- 40 Watts per channel
- Compact size
- Audio-sensing power shut off to conserve energy
- Excellent for retrofit applications
- Boosts power on existing low powered distributed audio systems
- Easy-to-install

Specifications: (typical at 25° C)*

Power input:	110 - 240VAC, 50/60Hz
Output power:	40 Watts/channel RMS into 6 ohms @ <4% THD
Frequency Response:	20-20kHz (+/-3dB)
Signal to Noise Ratio:	>85dB
Input Sensitivity:	500mVRMS
Auto On Threshold:	10mVRMS

*Specifications subject to change without notice

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Product

A0125 Multi-Source Volume Control Keypad

Channel Vision's **A0125** Volume Control Keypad is primary control device for the Crescendo™ High Powered CAT5 Audio System. It works with single-source or multi-source systems to provide convenient volume control and source selection. The built-in IR receiver allow the source components to be controlled via a handheld remote control, while its elegant decorator styling blends seamlessly with other wall switch devices.

Features:
- Compatible with P-2014 and P-2044 High Powered CAT5 Audio Systems
- Supports IR control: compatible with the A0501, A0502, and A0505 remote controls
- LEDs show volume level or source selection
- Works at CAT5 lengths up to 300 feet
- Easy-to-install

Specifications: (typical at 25º C)*

Operating Voltage	18VDC	IR frequency range supported	30kHz - 56kHz
Cable requirements	CAT5 or better	IR sensor range (A0125)	40'@40kHz, 25'@56kHz
Max wire length	300 ft.	Operating temperature	-10ºC to +50ºC
Audio frequency range	20Hz - 20kHz		

*Specifications subject to change without notice

A0313 iBus® Wall Dock for CAT5 Audio Systems

Channel Vision's Crescendo™ High Powered CAT5 Audio system distributes powerful, high quality audio throughout the home over standard CAT5 cable. The **A0313** is a local input module for Channel Vision's CAT5 Audio Systems that was specially designed for the Apple® iPod®. The attractive wall mount remains unobtrusive while not in use, yet its support ledge with integrated dock connector slides out easily, ready to dock your iPod at all times.

Features:
- Compatible with Channel Vision's CAT5 Audio Systems
- Charges the iPod
- Senses audio to automatically override the main audio source
- Supports IR control: compatible with A0501, A0502, A0505 or Apple Remote
- Uses CAT5 cabling

Specifications: (typical @25º C)

Operating Voltage :	18VDC
Cable requirements:	CAT5 or better
Operating Temperature:	-10ºC to +50ºC

Specifications subject to change without notice.

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iBus is a registered trademark of Channel Vision Technology.

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Product

P-2014 1x4 CAT5 Audio Distribution Module

Channel Vision's **P-2014** functions as the heart of the single-source Crescendo™ High Powered CAT5 Audio System. It is a 1x4 CAT5 Audio Distribution Module that delivers audio signals and power to 4 keypads (model A0125). 4 IR emitter outputs on the P-2014 allow IR signals detected by the A0125 to control source devices such as CD players and AM/FM tuners. The A0125 acts as the volume control for the A0240 40Watt in-room amplifier.

Features:
- Both RJ-45 and 110 punch down connectors for easy setup
- Integrated single source audio input
- 4 common IR emitter outputs
- Mounts in structured wiring enclosures
- Easy-to-install

Specifications: (typical at 25º C)*

Power supply	18VDC, 1.0Amp
Cable requirements	CAT5 or better
Speaker impedance (A0240)	6-8 Ohm
Max audio input level	5 Vp-p
Audio frequency range	20Hz - 20kHz
IR frequency range supported	30kHz - 56kHz
IR sensor range (A0125)	40'@40kHz, 25'@56kHz
Operating temperature	-10ºC to +50ºC
Dimensions	6"W x 6.5"H x 1.25"D

*Specifications subject to change without notice

P-2044 4-Source/4-Zone CAT5 Audio Matrix

Channel Vision's **P-2044**, 4-source, 4-zone CAT5 Audio Matrix, functions as the heart of the 4-source Crescendo™ High Powered CAT5 Audio System. It allows up to four different sources to be played in four different zones simultaneously, making it perfect for families with a variety of listening interests. Controlling your music is easy with the P-2044's source specific IR repeating which allows independent control of identical source components. For example, two identical CD players can be controlled independently.

Features:
- LED status indicators
- Source specific IR routing
- Input connections: RJ-45 or RCA
- Output connections: RJ-45 or 110 punchdown
- Compatible with Channel Vision's A0125 keypad
- Both RJ-45 and 110 punch down connectors for easy setup
- Mounts in structured wiring enclosures
- Easy-to-install

Specifications: (typical at 25º C)*

Power supply	18VDC, 1.0Amp	IR frequency range supported	30kHz - 56kHz
Cable requirements	CAT5 or better	IR sensor range (A0125)	40'@40kHz, 25'@56kHz
Speaker impedance (A0240)	6-8 Ohm	Operating temperature	-10ºC to +50ºC
Max audio input level	5 Vp-p	Dimensions	7"W x 6.5"H x 1.25"D
Audio frequency range	20Hz - 20kHz		

*Specifications subject to change without notice

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Product

A-0301 Local Source Input

Channel Vision **A- 0301** Local Source Audio Module The A0301 is a universal input module for Channel Vision's CAT5 Audio Systems that can accept audio from any standard L/R line-level audio source. The attractive decorator style faceplate allows the unit to blend in with modern light switches and outlets. It can be used to provide local source input in any room and/or as the main system input device. The A0301 is a great way to enable simple connection of local sources such as TV's, MP3 players, and computer sources into the zone.

Features
- Compatible with Channel Vision's CAT5 Audio Systems
- Senses audio to automatically override the main audio source
- Provides 2 IR emitter outputs
- Uses CAT5 cabling

Contact us for free System Design and Training

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