CVA Series
Power Amplifier

The sub compact CVA-25-1 and CVA-50-1 are built to meet the rigorous demands of high quality commercial, industrial and Pro Audio sound installations. Low cost, lightweight and convection cooling make this Class D amplifier flexible enough for a broad range of applications requiring quiet amplification. With an extremely compact form factor, the CVA's allow amplification to be located in places normally off limits to standard amplifiers without compromising sound or power. The Plenum rating (UL 2043) and remote volume control further compliment the recessing options. Our Signal Sense Power Technology TM (SSPT TM) ensures the amplifier is only powered when there is a signal present, saving energy and extending product life. Like all Stewart products, the CVA's are designed for sonic accuracy, high efficiency and extended duty cycles.

CVA's

CVA-25-1 25W x 1 70V/100V
CVA-50-1 50W x 1 70V/100V

Features:

- Sub Compact 1/4 rack package
- Mono constant voltage amplifier (70V or 100V)
- Music and fire alarm muting
- Clean full–range dynamic power
- Signal Detect trigger for sleep & wake up
- Remote volume control
- Multiple mounting options
- External inline power supply
- Made in the USA

Applications:

- Boardrooms & classrooms
- AV projection systems
- Lecterns and Podiums
- Plenum applications, UL 2043 rated
- Pole mounting option
- Fixed installations with amplifiers located in listening environment
- Behind flat screen televisions
- Applications where traditional amplifiers won't fit

STEWARTAUDIO
The Difference is Hear

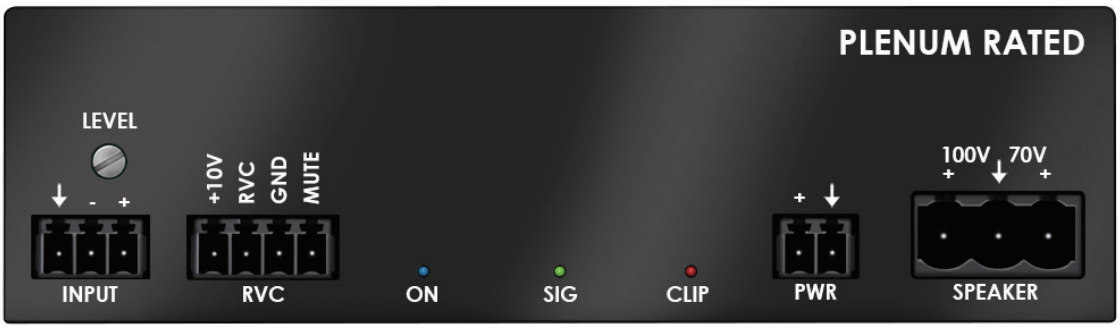
14397 Cuesta Court Ste D1 • Sonora Ca 95370 • TEL: 209.588.8111 • www.stewartaudio.com

CVA Series

CVA-25-1 25W x 1 70V/100V
CVA-50-1 50W x 1 70V/100V

Specifications

CVA-25 X 1 70V/100V	25 W
CVA-50 X 1 70V/100V	50 W
Frequency Response (+0, –3 dB)	100 Hz—20 kHz
Power Bandwidth (+3, –3 dB)	80 Hz—30 kHz
THD+N	<.1% @ Full Power
Signal-to-Noise Ratio	>80dB
Remote Volume Control	0-10V DC, 4 Pin Euro Block
Input Sensitivity	.5V (-3 dBV)
Standard Voltage Gain	151X (43dB) @ 70.7 Volts out
Input impedance (Balanced/Unbalanced)	20k Ohms/10k Ohms
Sleep, Idle Current Draw , 1/8 power draw	0.005/ 0.01/0.15 Amps
Class	D
Input Connectors	Euro Block 3 Pin, 3.5mm
Output Connectors	Euro Block 2 Pin, 5mm
Power Supply	External in-line 48VDC (Included), 2 pin Euro Block
Cooling	Convection–Cooling (No Fans)
Controls	Level
LED Indicators	Power, Signal Present & Clip
Construction	Aluminum Chassis & Top Cover
Dimensions (height, width, depth)	1.25"H x 4.35" W x 3.2" D
Weight CVA-25/CVA-50	<.7 lbs (0.32 kg)/1.2 lbs (0.54 kg)
Warranty	3 years
Plenum Rating	UL 2043 Approved



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