CVA Series
Power Amplifier

The sub compact CVA50-1 Priority PA is designed to meet the demanding operational and budgetary environment of the classroom market. The typical classroom has two amplification requirements, local sound reinforcement, and school wide paging which are usually two separate systems. The CVA50-1 Priority PA has a built in priority 25V paging input which eliminates the need for redundant speakers and upstream amplification saving costly installation labor and hardware. A compact form factor, plenum rating (UL 2043), multiple inputs (plus 25V PA) and remote volume control make this amplifier ideal for today's classroom design. 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.

CVA50-1 Priority PA

50W x 1 100V/70V

Features:

- Sub Compact 1/3 rack package
- Constant voltage amplifier (70.7V / 100V)
- Adjustable ducking of local inputs
- Microphone input with adjustable pre-gain
- Remote volume control
- External inline power supply
- Made in the USA

Applications:

- Telephone paging systems
- 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

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CVA50-1 Priority PA

Specifications

CVA50-1 PA	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	Mic (3-pin Euro Block), RCA, 3.5mm, 3-pin Euro Block, 25V 2-pin Euro Block
Output Connectors	Euro Block 2 Pin
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 6.00"W x 4.00"D (3.2H x 15.2W x 10.2D cm)
Weight	<1.2 lbs (0.54 kg)
Warranty	3 years
Plenum Rating	UL 2043 Approved

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