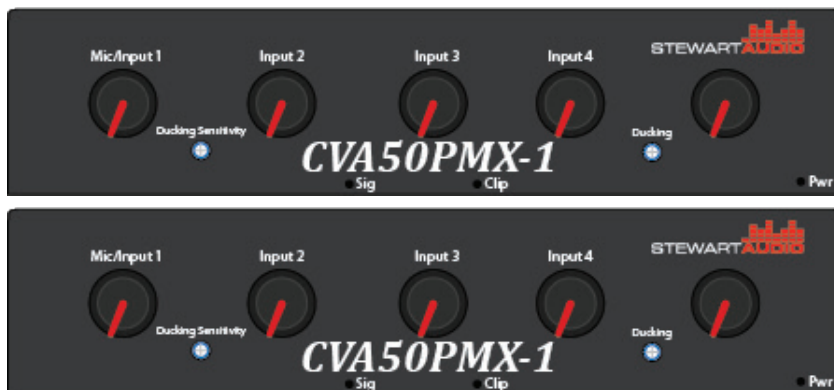


# CVA Series

## Mixer Amplifier

The compact CVA50MX-1 / CVA50PMX-1 is built to meet the rigorous demands of high quality commercial, industrial and Pro Audio sound installations. Its versatile design allows for maximum application flexibility while still maintaining the compact, lightweight form factor of Stewart Audio's CVA Series of amplifiers. The CVA50MX-1 / CVA50PMX-1 includes an adjustable gain microphone input with a configurable ducking setting allowing the speaker to easily talk over any other channel. With its variety of inputs and the ability to output into either a 4/8 Ohm setup or a constant voltage distributed speaker setup, the CVA50MX-1 / CVA50PMX-1 is an all-in-one solution for any application. Like all Stewart products, the CVA50MX-1 / CVA50PMX-1 is designed for sonic accuracy, high efficiency and extended duty cycles through the use of our Signal Sense Technology.



**\*CVA50MX-1:**

When a signal is applied to input 1, inputs 2-4 will be ducked as per the setting of the "duck" control. The level for each input channel is set with the corresponding control. The master volume control and remote volume set the level of all inputs including input 1.

**\*CVA50PMX-1:**

When a signal is applied to input 1, inputs 2-4 will be ducked as per the setting of the "duck" control. The level for each input channel is set with the corresponding control. The master volume control and remote volume set the level of inputs 2-4. The input 1 level control is independent and not affected by the master or remote controls.

## CVA50MX-1

## CVA50PMX-1

25W x 2 @ 4/8 Ohms

50W x 1 @ 25V/70V or 25V/100V

### Features:

- Sub Compact 1/3 rack package
- 4 input mono mixer amplifier
- Music and fire alarm muting
- Clean full-range dynamic power
- Signal Detect trigger for sleep & wake up
- 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 mixer amplifiers located in listening environment
- Applications where traditional mixer amplifiers won't fit
- Behind flat screen televisions

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The Difference is Hear

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# CVA50MX-1 CVA50PMX-1

25W x 2 @ 4/8 Ohms  
50W x 1 @ 25V/70V or 25V/100V

## Specifications

25V/70V/100V Power -----	■ 50W x 1 (70V or 100V output dependent on model)
4/8 Ohm Power -----	■ 25W x 2 or 50W x 1
Frequency Response (Full Power) -----	■ 100 Hz—20 kHz
Power Bandwidth (+3, -3 dB) -----	■ 80 Hz—30 kHz
THD+N -----	■ <0.1% @ Full Power
Signal to Noise Ratio -----	■ >90dB
Remote Volume Control -----	■ 0-10VDC
Remote Muting -----	■ Contact Closure
Microphone Ducking -----	■ 0 to -90dB (Adjustable)
Phantom Power -----	■ +48VDC (Switchable)
Input Sensitivity of Mic Input -----	■ 0dB (1V) or -30dB (30mV), Switch Selectable
Input Sensitivity of Inputs 2-4 -----	■ 0dB (1V)
Standard Voltage Gain -----	■ 40x (32dB)
Input impedance -----	■ 10k Ohms
Standby, Idle Current Draw , 1/8 power draw -----	■ 0.005/ 0.01/0.15 Amps
Class -----	■ D
Input Connectors -----	■ Mic (3-pin Euroblock), RCA, 3.5mm, 3-pin Euroblock
Output Connectors -----	■ Euroblock
Power Supply -----	■ External in-line 48VDC (Included)
Cooling -----	■ Convection-Cooling (No Fans)
Controls -----	■ 4 Level Controls, 1 Master Level, Ducking
LED Indicators -----	■ Power, Signal Present & Clip
Construction -----	■ Aluminum Chassis
Dimensions (height, width, depth) -----	■ 1.4"H x 6.2" W x 4" D
Weight -----	■ 1.2 lbs
Warranty -----	■ 3 years
Plentum Rating -----	■ UL 2043 Approved