



Le CONVERGE PA 460 est un amplificateur audio de classe D à haut rendement de 4 canaux x 60 Watts pour une amplification fiable avec une qualité de son professionnelle pour les applications de conférence, de sonorisation et de distribution.

L'amplificateur CONVERGE PA 460 est optimisé pour fonctionner avec les mélangeurs DSP ClearOne et il fonctionne également avec tous les mélangeurs tiers.



- > Sortie haut-parleur 4/8W
- > Tension de sortie constante de +70V / 100V
- > + 4 x 60W en mode normal + 2x120W en mode monté
- > Format compact, demi-rack, unité sans ventilateur
- > Consommation d'énergie efficace avec le mode veille automatique
- > Facilité d'installation avec une configuration plug-and-play sans logiciel
- > Options de contrôle et de protection avec indicateurs LED
- > Fonctionne avec les mélangeurs DSP ClearOne et tiers
- > Prise en charge des applications de conférence, de sonorisation et de distribution audio



Lieux

Salle de conseil

Salle de conférence

Salle de formation

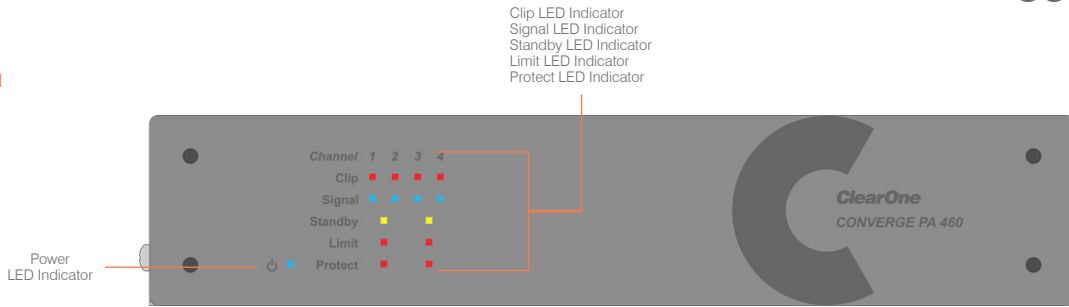
Grande salle de réunion

Salle d'audience

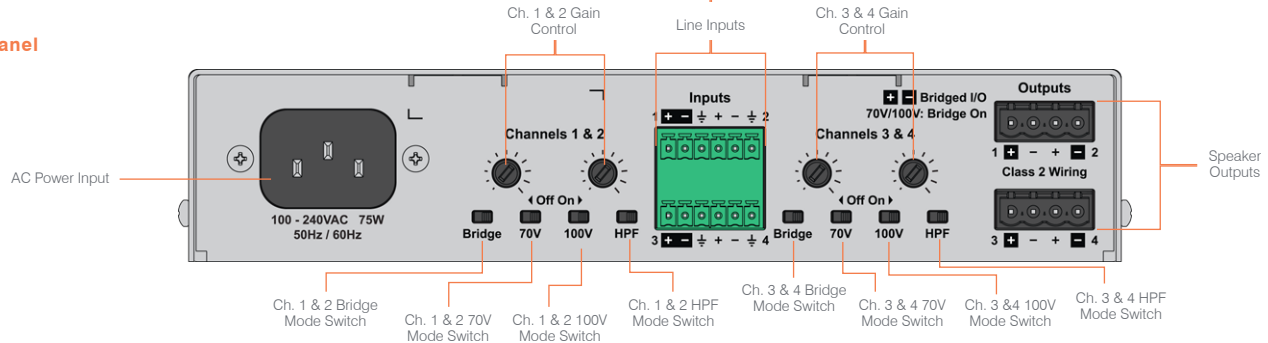
Auditoriums

Télémédecine

Front Panel



Back Panel



PRODUCT SPECIFICATIONS

Inputs & Outputs

Inputs:

4 Channel, Balanced audio input, 3.81mm Green Phoenix/Euroblock type male header, Push-on mini-terminal block

Outputs:

4 Channel, Balanced audio output, 5.08mm Black Phoenix/Euroblock type male header, Push-on mini-terminal block

Input Sensitivity:

20Hz – 22kHz @ 0dBu

Output Modes:

4/8Ω and 70.7V/100V

Max Rated Output:

4 x 60W @ sensitivity, in 4/8Ω & 70.7V/100V modes

Max Rated Output, Bridged:

2 x 120W @ sensitivity, in 4/8Ω mode

Max Rated Output, Bridged:

2 x 120W @ sensitivity, in 70.7V/100V mode

Frequency Response:

20Hz - 22KHz (+/- 1dB)

THD+N:

20Hz – 22kHz @ rated power, 4/8Ω, <0.08%

Dynamic Range:

20Hz – 20kHz @ 0dB, >100dB, 8Ω, unweighted

Output Mode	Max # of Channels	Bridged I/O	Output Power
4 / 8Ω	4	OFF	60W
4 / 8Ω	2	OFF	60W
4 / 8Ω	2	ON	120W
70V / 100V	4	OFF	N/A
70V / 100V	2	OFF	N/A
70V / 100V	2	ON	60W
70V / 100V	2	ON	120W

Control

Slide Switches

Single End, Bridged mode
70.7V mode
100V mode
HPF mode @ 80Hz

Potentiometer

Adjustable: 0 to max @ rated power

Front Panel LED Indicators

POWER

Power status indicator
Blue light indicates power on

CLIP

Clip status indicator
Red light indicates clip status due to:
• Input is too high, signal clip
• Output peak detected

SIGNAL PRESENT

Signal indicator
Blue light indicates signal is present or passing out

STANDBY

Standby mode status indicator
Yellow light indicates Standby mode
Standby mode enables when no audio is present. The amplifier first enters Mute mode at 2 minutes, then into Standby mode at 10 minutes.

LIMIT

Limit indicator
Red light indicates gain reduction activation

PROTECT/DISABLE

Protection or Disable status indicators
Red light indicates Disabled/Mute/Protection mode
Mute mode enables when no audio is present for 2 minutes
Protection mode enables when temperature exceeds 185°F (85°C)

Function	LED Color	Indicates	Per Channel?	Per Pair of Channels?
Clip	Red	Signal clip, peak detected	Yes	-
Signal	Blue	Audio signal present	Yes	-
Standby	Yellow	No audio signal for 10 minutes	-	Yes
Limit	Red	Gain reduction activated	-	Yes
Protect	Red	Mute – No audio signal for 2 minutes ~85°C high temperature	-	Yes
Power	Blue	Powered on	-	-

PRODUCT SPECIFICATIONS

Potentiometer Position

Potentiometer Position	Maximum Input Level	Output power with 0 dBu input (60W output mode)	Output power with 0 dBu input (120W output mode)
10	0 dBu	60W	120W
9	+1 dBu	49W	98W
8	+5 dBu	22W	44W
7	+8 dBu	10W	20W
6	+12 dBu	4W	8W
5	+16 dBu	2W	4W
4	+18 dBu	1W	2W
3	+21 dBu	550mW	1.1W
2	+26 dBu	218mW	436mW
1	+35 dBu	27mW	54mW
0	mute	mute	mute

Power & Thermal

Power Consumption:

42W Typical, Pink Noise @ 0 dBu, 8Ω

Power Supply:

AC input 100-240VAC, 50Hz/60Hz

Thermal:

143 BTU/Hr Typical

Temperature:

14°F to 104°F* (-10°C to 40°C*) (Ambient temperature)

Dimensions & Weight

Dimensions

8.38" (213mm) W x 11.06" (281mm) D x 1.72" (44mm) H

Weight

2.8 lbs (1.27 kg)

Mounting

Size

1 RU for up to two units

See below configurations in Rack Mounting Kit (910-3200-402)



SKUs

Part Number	Product Name
910-3200-401	CONVERGE PA 460
910-3200-402	Mounting Kit for CONVERGE PA 460
930-3200-401-1	Bundle: Qty 1 CONVERGE PA 460 Amplifier unit with Qty 1 Rack Mounting Kit
930-3200-401-2	Bundle: Qty 2 CONVERGE PA 460 Amplifier units with Qty 1 Rack Mounting Kit

* Operating this product at its maximum rated output power and its maximum rated ambient operating temperature for extended periods of time may cause reduced output power until the temperature or output power is reduced.

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