

# PA2240BP

2-channel bridgeable power amplifier, 2 x 240W @ 100 volt



The PA2240BP is a bridgeable and ultra-reliable 2-channel 100 volt power amplifier that can be used in all your big 100 volt projects. It can be configured as a 2-channel amplifier (2 x 240 watts) or it can be bridged into a 1 x 480 watts power amplifier if you need to power a big group of loudspeakers up to 480 watts.

Both channels have a program and priority input with independent bass and treble tone control that guarantees an excellent sound experience, even in tough acoustical conditions. The emergency priority input can be activated by contact closure to override the program or music input.

The PA2240BP operates on 230V AC and 24V DC, what makes him excel other power amplifiers. In this way the unit can easily be used in evacuation systems compliant to the EN60849 regulation. As all the controls of the PA2240BP are located at the back panel, changes of the amplifier's settings by unauthorised or unqualified people will most likely be prevented.

As reliability is extremely important in the install and contractor audio market, this multifunctional PA2240BP will definitely be your favourite constant voltage power amplifier.

## TECHNICAL SPECIFICATIONS

dynamic output power 4 ohms in watts	2 x 240	RMS output power 4 ohms in watts	2 x 240
RMS output power 8 ohms in watts	2 x 120	dynamic output power bridged 8 ohms in watts	480
output power RMS 100 volts in watts	2 x 240	output power RMS bridged 100 volts in watts	480
minimum impedance load per channel in ohms	4	minimum impedance load bridged per channel in ohms	8
power consumption (max) in watts	1050	19" (483 mm wide) rack mounting	yes
height- rack units (1U=44 mm) in U	2	depth (build in) in mm	411
depth (incl front) in mm	420	power supply	230 VAC
emergency power supply	24 VDC	output voltage tappings	100 - 70 - 50 - 35 volts - 4 ohms
output channels	2	line input balanced	2
tone control	yes	priority input contact	2
emergency input	yes	priority output	24 VDC
priority levels	1	frequency response (in Hz)	35 - 22 k
cooling system	fan	applicable in 100V	yes
applicable low impedance	yes	Net weight product (kg)	21.70

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