

DATA SHEET

PREZONE2

STEREO PREAMPLIFIER

The PREZONE2 is a multi-functional stereo preamplifier that lets users control the audio source and volume in two zones and employ selective zone paging. Designed for ease of use, the front panel of the PREZONE2 includes a set of volume, audio source selection, and microphone controls for each zone, providing immediate visual feedback regarding system operation.



The PREZONE2 is equipped with four priority levels for audio routing: one emergency input, one paging input, two mic inputs, and four stereo inputs. Each output channel is equipped with an independent mono/stereo switch on the rear panel, and the PREZONE2 also supports control via mobile-friendly web page, RS-232, or wall panels.

It's audio performance, ease-of-use, and versatile feature set makes the PREZONE2 ideal for a variety of professional audio applications.

FEATURES

- Intuitive front and rear panels
- Four priority levels for audio routing
- 24V priority output overrides local volume controls for each zone
- Two mic/line level inputs with 48V phantom power
- Four stereo inputs
- Balanced (Euroblock) and unbalanced (RCA) connectors per output zone
- Independent mono/stereo switch per output zone
- Built-in web server for external device control
- Internal universal power supply
- Auto standby mode
- Rack mountable (2RU)
- CE marked, UL listed, and RoHS compliant
- Covered by Biamp Systems' five-year warranty

ARCHITECTS & ENGINEERS SPECIFICATIONS

The preamplifier shall provide 1 emergency input that shall be triggered by either contact closure or VOX level. The emergency input shall support user adjustable volume and VOX activation level via the rear panel. The preamplifier shall provide 1 paging input connection for receiving microphone or line level analog audio signals via Euroblock connectors. The paging input shall support per zone volume control via the rear panel. The paging input shall support user adjustable gain and chime level via the rear panel. The preamplifier shall provide 2 balanced input connections for receiving microphone or line level analog audio signals via either Euroblock or RCA connectors. Each balanced input shall support user adjustable gain and EQ via the rear panel. The preamplifier shall provide 1 unbalanced input connection for receiving line level analog audio signals via either Euroblock or RCA connectors. The preamplifier shall provide 3 unbalanced input connections for receiving line level analog audio signals via RCA connectors. Each unbalanced input shall support user adjustable gain via the rear panel. The preamplifier shall support 4 priority levels of audio transmission. The preamplifier shall provide 2 balanced output connections for the transmission of line level analog audio signals via Euroblock connectors. The preamplifier shall provide 2 unbalanced output connections for the transmission of line level analog audio signals via RCA connectors. Each output channel shall support switchable mono and stereo modes via the rear panel. Each output channel shall support user adjustable EQ via the rear panel. The preamplifier shall support programmatic control of individual output zones via Euroblock connectors or RJ-45 connector. The preamplifier shall include a switchable standby mode via the rear panel that reduces power consumption to less than 1.8 watts. The standby mode shall activate automatically after 10 minutes if no signal is detected. The standby mode shall be activated/deactivated manually by toggling the standby mode button on the front panel. The preamplifier shall include a RS-232 connection for control data transmission into or out of the preamplifier and such operation shall be externally programmable. The preamplifier shall be rack mountable (2RU). The preamplifier shall be CE marked, UL listed, and shall be compliant with the RoHS directive. Warranty shall be five years. The preamplifier shall be Biamp® PREZONE2.

PREZONE2 SPECIFICATIONS

INPUTS		OUTPUTS	
Number of Inputs		Number of Outputs:	2 (stereo)
Mic/Line (balanced):	2	Output Connectors	
Stereo Line (unbalanced):	4	Balanced:	3-pin, 0.3-inch Euroblock
Frequency Response:	20 Hz - 20 kHz	Unbalanced:	RCA
Phantom Power (balanced only):	+48VDC (7mA/input)	70V/100V Mode:	Yes (per channel)
Mic Level Control:	Yes	Low Impedance Mode:	Yes (per channel)
Emergency Input:	Yes	Priority Output Contact:	Yes
Input Priority Levels:	4	Cooling:	Convection
Priority Input Contact:	Yes	Overall Dimensions:	
Chime:	Yes	Height (without feet):	3.5 inches (89 mm)
Source Selection per Zone:	Yes	Width (without rack ears):	16.9 inches (430 mm)
Tone Control:	Yes	Depth:	11.4 inches (290 mm)
Wall Panel Controls:	Yes	Weight:	8.6 lbs (3.9 kg)
VOX Mute:	Yes	Environmental:	
Music Level Control:	Yes	Ambient Operating	
RS-232:	115200/8-N-1	Temperature Range:	32 - 104° F (0 - 40° C)
Front Panel Indicators:	Signal present, clipping, emergency mode active, paging active, VOX active	Humidity:	0-95% relative humidity (non-condensing)
Power Consumption (100-240VAC 50/60Hz)		Altitude:	0-6,600 ft (0-2000m) MSL
Normal Operation:	60W	Compliance:	FCC Part 15B (USA)
Standby Mode:	< 1.6W		UL and C-UL listed (USA and Canada)
			CE Marked (Europe)
			RoHS Directive (Europe)

PREZONE2 REAR PANEL



OPTIONAL ACCESSORIES



MICPAT-2

2-zone paging station



MICPAT-D

All call paging station



D-ALINP

Decora-style local input panel



D-DIWAC

Decora-style digital wall control