

# PDA 4200 series

## Two Channel Matrix Amplifier



## Feature

PDA 4200 series is a 9 In/2 out Multi Channel DSP CLASS-D PA Matrix Amplifier and have Output Power rating from (2x120/2x240Watt)

- Compact 1 HU high / Full size format.
- Each Input can route to different output channel.
- 4Ω or 70V/100V system.
- Hi-Z output with 70Hz HPF filter and is isolated with a transformer.
- PA Mute function, Priority (TEL > PTT > MIC > BGM), Paging, Ducking.
- 2 individual Channel volume control.
- Tabletop or System Rack-mount.

Performance	PDA 4212	PDA 4224
Max Output Power @ 4Ω 1kHz, ≤ 1% THD	2x120W	2x240W
Input Sensitivity & Impedance	TEL: 100V/1V @600Ω, Balanced MIC/LINE 1-5: 1.5mV/200mV @600Ω, Balanced AUX 1-3: 500mV @47kΩ, Unbalanced	
Line Out	TV, Balanced	
Tone Control	Bass: ±12dB, 100Hz Treble: ±12dB, 10kHz	
Frequency Response	4Ω Output: 20~20kHz, +1/-3 dB 70/100V Output: 80Hz~18kHz, +1/-3dB	
S/N Ratio	TEL > 70dB MIC > 60dB LINE > 70dB AUX > 75dB	
Phantom Power	24VDC	
Nominal AC Line Voltage	100~240V, 50/60Hz	
Operation Temperature / Humidity	-10°C ~ +45°C @ 95% R.H. (Non-Condensing)	
Storage Temperature	-20°C ~ +70°C	
Dimensions (W x D x H)mm	430 x 315 x 44	
Weight	4.9kg	5.9kg



- MIC1-5 input level control.
- MIC1-5 input level indication.
- AUX1-3 input level control.
- AUX1-3 input level indication.
- Channel1-2 controls individual outputs level.
- Channel1-2 LED Ring to indicate output level (VU meter).
- 2 set Hi/Lo Tone control.
- Power ON/OFF button.

## Front Panel

## Rear Panel

- TEL/EMG Input.
- TEL/EMG input level Gain control.
- MIC1: Phoenix Balanced input with PTT/ Chime function.
- MIC1: RJ45 Paging Microphone connector.
- MIC2 VOX trigger level control.

- Dipswitch for MIC1-5:
  - 24V Phantom power.
  - Line/Mic input select.
  - PTT enable/disable.
  - Chime enable/disable.
  - Hi-Z/HPF.

- MIC2-5: Phoenix Balanced input.
- BGM ducking level control.
- CHIME level control.
- AUX1-3: RCA (MONO) Input.
- Dipswitch for routing Input to the output channel.
- Remote panel RJ45 connector.
- Line out1-2, Balanced Phoenix connector.
- 4Ω/70V/100V Output Phoenix connector for Channel1-2.
- AC Input.

