

# PDA 3000 series

## Two Zone Mixing Amplifier



## Feature

PDA 3000 series is 2 Zone DSP CLASS-D PA Mixing Amplifier with 6 microphone/line input and have Output Power rating from 120/240Watt

- 1 HU high / Full size format.
- 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.
- All Call and Zone paging function.
- Remote volume control.
- Limiter, output short, overheat protection.
- Each Input and output have Signal level indication.
- Tabletop or System Rack-mount.

Performance	PDA 3112	PDA 3124
Max Output Power @ 4Ω 1kHz, ≤ 1% THD	120W	240W
Input Sensitivity & Impedance	TEL: 100V/1V @600Ω, Balanced MIC/LINE 1-6: 1.5mV/200-mV @600Ω, Balanced AUX 1-3: 500mV @47kΩ, Unbalanced Call station: 1V @47kΩ, balanced	
Line Out	1V, 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 (Non-Condensing)	-10°C ~ +45°C @ 95% R.H.	
Storage Temperature	-20°C ~ +70°C	
Dimensions (W x D x H)mm	430 x 315 x 44	
Weight	4kg	4.3kg



- MIC1-6 input level control.
- MIC1-6 LED input level indication.
- AUX1: 3.5mm (MONO) jack input.
- SOURCE button, push to select AUX1-3 input, rotary to control input level.
- Z1/Z2 Zone output select button.
- Master LED Ring to indicate output level (VU meter).
- Hi/Lo Tone control.
- Power ON/OFF button.
- Master VR controls total outputs level.

## 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.
- MIC2-6: COMBO Balanced input.

- Dipswitch for MIC1-2:
  - 24V Phantom power.
  - Line/Mic input select.
  - PTT enable/disable.
  - Chime enable/disable.
  - Hi-Z/HPF.

- Dipswitch for MIC3-6:
  - 24V Phantom power.
  - Line/Mic input select.
- Line Out: XLR Balanced output.
- AUX2-3: RCA (MONO) Input.
- BGM ducking level control.
- CHIME level control.
- Remote panel RJ45 connector.
- 2-Zone Call station RJ45 connector.
- 4Ω /70V/100V Output Phoenix connector for Zone 1 and Zone 2.
- AC Input.

