

PDA 2000 series

Mixing Amplifier



Feature

PDA 2000 series is a CLASS-D PA Mixing Amplifier with 3 microphone, AUX input and have Output Power rating from 60/120/240Watt.

- 1 HU / Half 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.
- Limiter, output short, overheat protection.
- Input and output Signal level indication.
- Tabletop or System Rack-mount.

Performance	PDA 2106	PDA 2112	PDA 2124
Max Output Power @ 4Ω 1kHz, ≤ 1% THD	60W	120W	240W
Continue Power	7.5W	15W	30W
Input Sensitivity & Impedance	TEL: 100V/1V @600Ω , Balanced MIC/LINE 1~3: 1.5mV/200mV @600Ω, Balanced AUX 1~3: 500mV @47kΩ, Unbalanced		
Line Out	1V @600Ω , Balanced		
Tone Control	Bass: ±10dB, 100Hz Treble: ±10dB, 10kHz		
Frequency Response	4Ω Output: 20~20kHz, +1/-3 dB 70/100V Output: 80Hz~15kHz, +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	215 x 315 x 44		
Weight	2.5kg	3.2kg	3.8kg



- MIC1~3 level control.
- MIC1~3 LED input level indication.
- AUX1 3.5mm (MONO) jack input.
- SOURCE button to push to select AUX1~3 input, rotary to control level.
- Master VR controls total outputs level.
- Master LED Ring to indicate output level (VU meter).

- Hi/Lo Tone control.
- Power ON/OFF button.

Front Panel

Rear Panel

- TEL/EMG Input.
- TEL/EMG level control.
- MIC1: Phoenix Balanced input with PTT function.
- MIC2: Phoenix Balanced input with VOX function.
- MIC2 VOX trigger level control.

- Dipswitch for MIC1~3:
 - 24V Phantom power.
 - Line/Mic input select.
 - PTT enable/disable.
 - Chime enable/disable.
 - Hi-Z/HPF

- MIC3: COMBO Balanced input.
- Line Out: XLR Balanced line output.
- AUX2~3: RCA (MONO) Input.
- BGM ducking control.
- Hi-Z/HPF selector for 4Ω or 70V/100V output
- 4Ω/70V/100V Output Phoenix connector.
- AC Input.

