

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 2103E	PDA 2106E	PDA 2112E	PDA 2106	PDA 2112	PDA 2124
Max Output Power 4Ω 1kHz, ≤ 1% THD	30W	60W	120W	60W	120W	240W
Input Sensitivity & Impedance	TEL: 100V/1V @ 600 Ω, Balanced MIC 1-2: 1.5mV @ 600 Ω, Balanced AUX1-2: 500mV @ 47kΩ, Unbalanced					
Line Out	1V					
Tone Control	Bass: ± 10dB, 100Hz Treb: ± 10dB, 10kHz					
Frequency Response	4Ω Output: 20-20kHz +1-3dB 70V/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	2.0kg	2.2kg	2.8kg	2.2kg	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).
- HiLo Tone control.
- Power ON/OFF button.

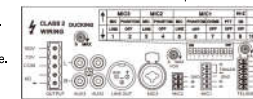


- MIC1-2 level control.
- AUX1-2 level control.
- Hi/Lo Tone control.
- Master VR controls total outputs level.
- Call Signal/ Protect LED indication.
- Power ON/OFF switch.

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.
- 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.



- TEL/EMG Input.
- TEL/EMG level control
- MIC1: Phoenix Balanced input with PTT.
- MIC2: XLR connector.
- AUX1-2: RCA connector.
- Line OUT: RCA connector.
- Hi-Z/HPF selector for 4Ω or 100V output.
- 4Ω/100V Output Phoenix connector.
- AC Input.

