

PDA 2000B series

Stereo Mixing Amplifier with Bluetooth



Feature

PDA 2000B series is Stereo DSP CLASS-D PA Mixing Amplifier with Bluetooth audio receiver and have Output Power rating from 2x30/2x60/2x120 Watt

- 1 HU high / Half size format.
- 4Ω Stereo or 70V/100V Mono system.
- Hi-Z output with 70Hz HPF filter and is isolated with a transformer.
- PA Mute function, Priority (TEL > PTT > MIC > BLUETOOTH > BGM), Paging, Ducking.
- Limiter, output short, overheat protection.
- Input and output Signal level indication.
- Bluetooth receiver.
- Remote volume control.
- Tabletop or System Rack-mount.

Performance	PDA 2203B	PDA 2206B	PDA 2212B
Max Output Power @ 4Ω 1kHz, ≤ 1% THD	2x30W	2x60W	2x120W
Input Sensitivity & Impedance	TEL: 100V/1V @600Ω, Balanced MIC/LINE 1-2: 1.5mV/200mV @600Ω, Balanced AUX 1-3: 500mV @47kΩ, Unbalanced		
Bluetooth Receiver	Bluetooth 4.1		
Line Out	1V, Unbalanced		
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	215 x 315 x 44		
Weight	2.5kg	3.2kg	3.7kg



- MIC2 COMBO balanced input.
- MIC2 level control.
- MIC1-2 LED input level indication.
- Bluetooth LED indicator.
- AUX1 3.5mm STEREO jack input.
- SOURCE button to push to select AUX1-3/ Bluetooth 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

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

- Dipswitch for MIC1-2:
 - 24V Phantom power.
 - Line/Mic input select.
 - PTT enable/disable.
 - Chime enable/disable.
 - Hi-Z/HPF.
- AUX1-2: RCA (STEREO) Input.
- Line Out: RCA (STEREO) output.
- BGM ducking level control.
- CHIME level control.
- 4Ω (STEREO) /70V/100V (MONO) Output Phoenix connector.
- AC Input.

