

PDA 4200M series

Two Channel Matrix Amplifier with Media Player



Feature

PDA 4200M series is a 9 IN/ 2 Out Multi Channel DSP CLASS-D Media Player Matrix Amplifier and have Output Power rating from (2x120/ 2x240Watt).

- Compact 2 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.
- ECHO, REVERB and DELAY function.
- Media Player.
- Tabletop or System Rack-mount.

| Performance | PDA 4212M | PDA 4224M |
|--------------------------------------|---|-----------|
| Max Output Power @ 4Ω 1kHz, ≤ 1% THD | 2x120W | 2x240W |
| FM | 87.5 ~ 108MHz | |
| SD/USB | Max 32G, Fat32 | |
| Playback format | MP3, Wav. | |
| Input Sensitivity | TEL: 100V/1V @600Ω, Balanced MIC/LINE 1-5: 1.5mV/200mV @600Ω, Balanced AUX 1-3: 500mV @47kΩ, Unbalanced | |
| Line Out | TV, Unbalanced RCA | |
| 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 | -10°C ~ +45°C @ 95% R.H. | |
| / Humidity | (Non-Condensing) | |
| Storage Temperature | -20°C ~ +70°C | |
| Dimensions | 430 x 315 x 100 | |
| W x D x H:mm | | |
| Weight | 5.7kg | 6.7kg |



- Media player. (MP3/ FM Tuner/ Bluetooth)
- ECHO/REVERB/DELAY level control.
- MIC1-5 input level control.
- MIC1-5 input level indication.
- AUX1-2 input level control.
- AUX1-2 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

- FM antenna connector.
- 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.
- AUX1-2: 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.

