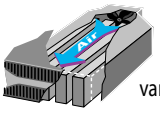
PROFESSIONAL POWER AMPLIFIERS

PLX



A line of amplifiers that defines high impact. Up to 3,400 watts in a 2 rack-unit chassis that's only 13" deep and 21 lbs. We included our exclusive PowerWave™ Technology used in our award-winning PowerLight™ Series for chest-pounding bass and crystal-clear highs. It also features hum-free noise floor and ultra-low distortion of .03% THD. To keep PLX running under the most demanding conditions, we've even added our Advanced Thermal Management System. PLXs offer the reliability of a company that's been building professional amplifiers for over 30 years.

POWERWAVE™ With ***PowerWave technology***, the PLX series take your music to a whole new level. Not only does it deliver bigger bass and cleaner highs, PowerWave also cuts wasted heat and boosts reliability. PowerWave is a switching power supply that provides ample current to the audio power circuitry by charging the supply rails 230,000 times a second through an ultra-low impedance circuit. So unlike other amps with conventional supplies, the audio signal is never starved prematurely and remains crisp and clean. It virtually eliminates hum and greatly reduces noise, providing a vast dynamic range that can handle any music without running out of headroom.



Our ***Advanced Thermal Management system*** ensures PLXs run cool and reliable even under harsh conditions. Using a high-output variable speed fan, ATM pulls cool air from the rear of the amp and propels it through a heat shroud precision-fitted to flow air over the heat sinks and out of the amplifier.

NEW!

Model	Watts per channel		
PLX	8Ω	4Ω	2Ω
1202	200	325	600
1602	300	500	800
2402	425	700	1200
3002	550	900	1500
3402	700	1100	1700

8Ω: 20 Hz–20 kHz, 0.03% THD
4Ω: 20 Hz–20 kHz, 0.05% THD
2Ω: 1 KHz, 1% THD

PLX Series Features

- **Exclusive PowerWave™ power supply for superior bass and lighter weight**
- **Ultra-low distortion (0.03% THD at 8 ohms) & studio-quality noise floor (-107 dB)**
- **LED indicators include bridge mono and parallel input modes**
- **Compact 2 RU, 21 lbs. and 13" deep chassis fits into any rack**
- **Class H output reduces AC power draw and heat by 40% (2402, 3002, & 3402)**
- **Selectable clip limiters and subsonic filters reduce distortion and protect speakers**
- **Variable-speed fan for low noise and solid 2 ohm performance**
- **Both 1/4" TRS & XLR inputs, Speakon™ and shock-proof binding post outputs**
- **3-year warranty plus optional 3-year extension available**

QSC™ AUDIO

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PLX SPECIFICATIONS	PLX1202	PLX1602	PLX2402	PLX3002	PLX3402
Stereo Mode (both channels driven)	*Continuous Average Output Power Per Channel*				
8 ohms 20 Hz–20 kHz 0.03% THD	200W	300W	425W	550W	700W
4 ohms 20 Hz–20 kHz 0.05% THD	325W	500W	700W	900W	1100W
2 ohms 1 kHz 1% THD	600W	800W	1200W	1500W	1700W
Bridge Mono Mode	*Bridge-Mono Mode Operation*				
16 ohms 20 Hz–20 kHz 0.1% THD	400W	600W	850W	1100W	1400W
8 ohms 20 Hz–20 kHz 0.1% THD	700W	1100W	1500W	2000W	2200W
4 ohms 1 kHz 1% THD	1200W	1600W	2400W	3000W	3400W
Noise (20 Hz–20 kHz)	< -106 dB	< -107 dB	< -108 dB	< -107 dB	< -107 dB
Input Sensitivity @ 8 ohms	1.0 Vrms	1.2 Vrms	1.5 Vrms	1.7 Vrms	1.9 Vrms
Input Sensitivity @ 4 ohms	0.9 Vrms	1.1 Vrms	1.3 Vrms	1.5 Vrms	1.7 Vrms
Output Circuitry	AB	AB	2-Step Class H	2-Step Class H	2-Step Class H
Power Requirements (1/8 power pink noise @ 4Ω)	6 A	10 A	8 A	10 A	12 A
All models	*All models*				
Distortion (SMPTE-IM)	*Less than 0.01%*				
Distortion (typical)					
20 Hz-20 kHz: 10 dB below rated power	*Less than 0.01% THD*				
1.0 kHz and below: full rated power	*Less than 0.01% THD*				
Frequency Response	*20 Hz–20 kHz, ± 0.2 dB / 8 Hz–50 kHz, +0, -3 dB*				
Damping Factor	*greater than 500*				
Input Impedance	*6 KΩ unbalanced, 12 KΩ balanced*				
Input Clipping	*10 Vrms (+22dB)*				
Cooling	*Variable-speed fan, rear-to-front air flow*				
Connectors (each channel)	*Input: 3-pin XLR & 1/4" TRS balanced* *Output: Neutrik Speakon™ and touch-proof binding posts*				
Amplifier Protection	*Full short circuit, open circuit, thermal, ultrasonic, and RF protection. Stable into reactive or mismatched loads*				
Load Protection	*On/off muting, DC-fault power supply shutdown*				
Dimensions	*19" (48.3 cm) rack mounting, 3.5"(8.9 cm) tall (2 rack spaces), 13.25" (33.7 cm) deep (from front mounting rails)*				
Gain	40x (32 dB)				
Weight	*21 lb (9.5 kg) net*				



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