

# **PowerLight 2 Series**

**Professional Power Amplifiers** 

PL218 | PL224 | PL230 | PL236 | PL218A | PL224A | PL230A | PL236A

The PowerLight 2 Series is a high performance line of amplifiers designed exclusively for the touring and live sound professional. Four models range in power from 900 watts to 1850 watts per channel, all in two-rack space chassis that are only 14" deep and 21 lbs.

Each of these models is available in two versions: a base model and an "A" version. Base models are ideal for systems using external signal processing. For those looking for integrated solutions, "A" versions offer internal analog signal processing. Full DSP capabilities may also be added to any model with the addition of the DSP-3 Module.

With PowerLight® technology, PowerLight 2 amplifiers take your sound to a whole new level. Not only does it give you tighter bass and clean transparent highs, PowerLight also cuts waste heat, boosts reliability and gets rid of unwanted noise and hum. PowerLight is a revolutionary switching power supply technology 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 amplifiers that use conventional supplies, the audio signal is never starved prematurely and remains crisp and clean.

Through continued improvement and innovation, QSC's new PowerLight 2 offer features not found in any other professional audio amplifier.

### **PowerLight 2 Power Amplifiers**

	10/atta				
Model	8Ω	Watts per channel 4Ω*	2Ω**		
PL218	310	525	900		
PL224	440	715	1200		
PL230	575	900	1500		
PL236	725	1100	1850		

FTC rating: 20 Hz - 20 kHz, 0.03% THD \*FTC 20 Hz - 20 kHz, 0.05% THD \*\*EIA 1 kHz, 1% THD Represents PL 2A and PL 2 Base Models

PowerLight is a registered trademark of QSC Audio Products, Inc.

Speakon is a trademark of Neutrik





### **Features**

- · PowerLight switching technology for improved audio performance
- High-efficiency Class H output circuits lower AC current consumption and cooling requirements by over 40% (PowerLight 224, 230, and 236)
- Increased airflow for improved thermal performance
- · DataPort for remote computer control or the addition of external DSP modules
- Detented gain controls with 1 dB steps for precise calibration
- Removable knobs with lock-out security plate to prevent unauthorized tampering
- User defeatable clip limiters and selectable low-frequency filter (5, 30, or 50 Hz)
- 1/4" TRS (base models only), XLR, and 3-pin detachable terminal block input connectors
- Neutrik Speakon® and "Touch Proof" binding post outputs
- · "Locking" IEC power cable remains secure on the road
- Personalized badging available

#### PowerLight 2 "A" built-in signal processing

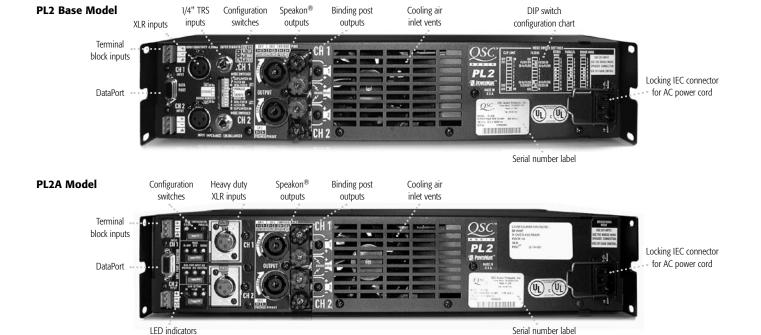
- Selectable input sensitivity/voltage gain (+4 dBu, 32 dB, or 26 dB)
- Adjustable two-way 4th order Linkwitz-Riley crossover with low frequency delay for driver time alignment
- Adjustable high frequency attenuation
- Independent output power limiters on each channel with adjustable threshold, attack and release times
- Adjustable CD horn equalization
- 3 year warranty, plus optional 3 year extended service contract

## **PowerLight 2 Series**

### **PL2 Base Model Specifications**

	PL218	PL224	PL230	PL236		
Stereo Mode (both channels driven)		Continuous average outpu	t power per channel			
8Ω / FTC 20 Hz - 20 kHz / 0.03% THD	310 W	440 W	575 W	725 W		
8Ω / EIA 1 kHz / 1% THD	350 W	475 W	625 W	800 W		
$4\Omega$ / FTC 20 Hz - 20 kHz / 0.05% THD	525 W	715 W	900 W	1100 W		
4Ω / EIA 1 kHz / 1% THD	600 W	825 W	1050 W	1300 W		
2Ω / EIA 1 kHz / 1% THD	900 W	1200 W	1500 W	1850 W		
Bridge Mono Mode						
16Ω / FTC 20 Hz - 20 kHz / 0.1% THD	650 W	900 W	1200 W	1500 W		
8Ω / FTC 20 Hz - 20 kHz / 0.1% THD	1100 W	1500 W	2000 W	2400 W		
4Ω / EIA 1 kHz / 1% THD	1800 W	2400 W	3000 W	3700 W		
Noise (20 Hz - 20 kHz)	-107 dB	-108 dB	-107 dB	-107 dB		
Input Sensitivity at 8Ω	1.23 Vrms	1.16 Vrms	1.17 Vrms	1.23 Vrms		
Input Sensitivity at 4Ω	1.15 Vrms	1.10 Vrms	1.07 Vrms	1.07 Vrms		
Voltage Gain	32 dB	34 dB	35 dB	36 dB		
Output Circuitry	AB	Class H, 2-tier	Class H, 2-tier	Class H, 2-tier		
Power Requirements (1/8 power pink noise at $4\Omega$ )**	8 A*	8 A*	9 A*	10 A*		
Distortion (SMPTE-IM)	< 0.01%					
Distortion (typical)						
10 dB below rated power; 20 Hz - 20 kHz	< 0.015% THD					
Full rated power: 5 kHz and below	< 0.01% THD					
Frequency Response	20 Hz – 20 kHz, ±0.2 dB /	/ 8 Hz – 100 kHz, +0, -3 dB				
Damping Factor	> 500					
Input Impedance	6k ohm unbalanced / 12k	ohm balanced				
Input Clipping	10 Vrms (+22 dBu)					
Cooling (each channel)	Variable speed fan, rear-to-front air flow					
Connectors (each channel)	Input: 1/4" TRS, 3-pin XLR and 3-pin detachable terminal blocks (1 each per channel)					
	Output: Neutrik Speakon® and touch proof binding post					
Controls	Front: AC switch / Ch.1 and Ch.2 gain knobs					
	Rear: DIP switch for Ch. 1 and Ch. 2: dip limiter on/off, LF filter on/off, LF filter frequency select 30 or 50 Hz; inputs parallel or					
	stereo; bridge mode					
Indicators	Parallel Inputs: Orange LEI	O / Bridged: Yellow LED / Power-On: (	Green LED /			
	Clip/Prot: Red LED / Level	-10 dB: Amber LED / Level -20 dB: Gr	een LED / Signal -35 dB: Green LED (1	per channel)		
Amplifier Protection	Full short circuit, open circuit, thermal, ultrasonic, RF protection. Stable into reactive or mismatched loads					
Load Protection	On/off muting / DC-fault power supply shutdown					
Dimensions (HWD)	3.5" (8.9 cm) 2 rack spaces x 19" (48.3 cm) rack mounting x 14" (35.6 cm) from front mounting rails					
Weight - Net / Shipping	21 lbs (9.5 kg) / 27 lbs (12	.3 kg)				

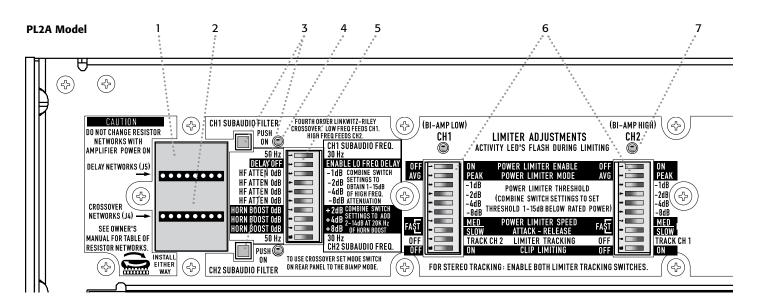
<sup>\*</sup>at 120 VAC, both channels driven; multiply current by 0.5 for 230V units \*\* Note: 1/8 power is representative of current draw with typical music program material with occasional dipping



## **PL2A Model Specifications**

8Ω / FTC 20 Hz - 20 kHz / 0.05% THD 8Ω / EN 1 kHz / 196 THD 350 W 475 W 475 W 476 FTC 20 Hz - 20 kHz / 0.07% THD 550 W 477 SW 478 SW 48 SW 47 SW 48 SW 47 SW 48 SW 4		725 W 800 W 1100 W 1300 W 1850 W			
8Ω / ElA 1 kHz / 1% THD 4Ω / FIC 20 Hz / 20 kHz / 0.07% THD 525 W 715 W 715 W 715 W 187 W 716 W 187 W 197 W	625 W 900 W 1050 W 1500 W 2000 W 3000 W -103 dB 3.84 Vrms (26 d	800 W 1100 W 1300 W			
4Ω / FTC 20 Hz - 20 kHz / 0.07% THD 4Ω / EN 1 kHz / 1% THD 600 W 825 W 20 / EN 1 kHz / 1% THD 900 W 1200 W	900 W 1050 W 1500 W 2000 W 3000 W -103 dB 3.84 Vrms (26 d	1100 W 1300 W			
4Ω / EIA 1 kHz / 1% THD	1050 W 1500 W 2000 W 3000 W -103 dB 3.84 Vrms (26 d	1300 W			
2Ω / ElA 1 kHz / 196 THD  ridge Mono Mode  8Ω / FTC 20 Hz - 20 kHz / 0.196 THD  40 / ElA 1 kHz / 196 THD  1100 W  40 / ElA 1 kHz / 196 THD  1800 W  2400 W  257 Vrms (26 dB)  2.79 Vrms  26 dB)  2.79 Vrms  26 dB)  2.79 Vrms  26 dB, 279 Vrms  270 Vrms (26 dB)  28 Vrms (32 dB)  29 Vrms (42 dBu)  20 Vrms	2000 W 2000 W 3000 W -103 dB 26 dB) 3.84 Vrms (26 d				
ridge Mono Mode         8C / FTC 20 Hz - 20 kHz / 0.1% THD         1100 W         1500 W           4Ω / EIA 1 kHz / 14% THD         1800 W         2400 W           loise (20 Hz - 20 kHz)         -103 dB         -103 dB           nput Sensitivity at 8Ω         2.57 Vrms (26 dB)         3.05 Vrm           1.28 Vrms (44 dBu)         1.20 Vrm           1.28 Vrms (32 dB)         1.53 Vrm           1.28 Vrms (32 dB)         1.53 Vrms           1.18 Vrms (32 dB)         1.39 Vrms           1.18 Vrms (42 dBu)         1.00 Vrms           1.19 Vrms (42 dBu)         1.00 Vrms (42 dBu)	2000 W 3000 W -103 dB 3.84 Vrms (26 d	1850 W			
8Ω / FTC 20 Hz - 20 kHz / 0.196 THD	3000 W -103 dB 26 dB) 3.84 Vrms (26 d				
4Ω   ElA 1 kHz   196 THD   1800 W   2400 W	3000 W -103 dB 26 dB) 3.84 Vrms (26 d				
loise (20 Hz - 20 kHz)  -103 dB -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -104 vms (42 dBu)  -104 vmms	-103 dB 26 dB) 3.84 Vrms (26 d	2400 W			
loise (20 Hz - 20 kHz)  -103 dB -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -103 dB  -104 vms (42 dBu)  -104 vmms	26 dB) 3.84 Vrms (26 d	3700 W			
2.57 Vrms (26 dB) 3.05 Vrms (24 dBu) 1.20 Vrms (24 dBu) 1.20 Vrms (25 dBs) 1.53 Vrms (26 dBs) 1.59 Vrms (27 dBs)		-103 dB			
1.28 Vrms (+4 dBu) 1.20 Vrms (1.28 Vrms (32 dB) 1.55 Vrms (32 dB) 1.55 Vrms (32 dB) 1.55 Vrms (32 dB) 2.79 Vrm (1.18 Vrms (32 dB) 1.10 Vrms (1.18 Vrms (32 dB) 1.39 Vrms (32					
1.28 Vrms (32 dB) 1.53 Vrms 1.18 Vrms (26 dB) 2.79 Vrms 1.18 Vrms (26 dB) 1.10 Vrms 1.18 Vrms (32 dB) 1.10 Vrms 1.18 Vrms (32 dB) 1.19 Vrms 1.19 Vrms 1.10 Vrms 1.10 Vrms 1.10 Vrms 1.10 Vrms 1.11 Vrms (32 dB) 1.12 Vrms 1.13 Vrms 1.14 Vrms (32 dB) 1.15 Vrms 1.16 Vrms (32 dB) 1.17 Vrms 1.18 Vrms (32 dB) 1.18 Vrms (32 dB) 1.19 Vrms 1.10 Vrms 1.10 Vrms 1.10 Vrms 1.10 Vrms 1.11 Vrms 1.12 Vrms 1.12 Vrms 1.13 Vrms 1.14 Vrms 1.15 Vrms 1.16 Vrms 1.16 Vrms 1.17 Vrms 1.18 Vrms 1.20 dB) 1.29 Vrms 1.20 dB) 1.29 Vrms 1.20 dB) 1.29 Vrms 1.20 dB) 1.29 Vrms 1.20 dB) 1.20 dB 1.20 Vrms 1.20 dB) 1.20 Vrms 1					
2.37 Vrms (26 dB)   2.79 Vrms (18 Vrms (+4 dBu)   1.10 Vrms (18 Vrms (+4 dBu)   1.10 Vrms (18 Vrms (32 dB)   1.39 Vrms (26 dB)   1.39 Vrms (32	,				
1.18 Vrms (32 dB) 1.39 Vrms  1.18 Vrms (32 dB) 1.39 Vrms  26, 32, 32 dB 26, 32, 3-  26, 32, 32 dB 26, 32, 3-  26, 32, 32 dB 26, 32, 3-  27, 32 dB 26, 32, 3-  28, 32 dB 26, 32, 3-  28, 32 dB 26, 32, 3-  29, 32 dB 26, 32, 3-  20, 32, 3-  20, 32 dB 26, 32, 32 dB 36  20, 32 dB 26, 32 dB 36	,	,			
1.18 Vrms (32 dB) 1.39 Vrms  26, 32, 32 dB 27, 32 dB 28, 48 dB 29, 48 dB 20, 4					
Toltage Gain  26, 32, 32 dB  26, 32, 35 dB  27, 35 dB  28, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  8, 4*  20,015  100  100  100  100  100  100  100	,	,			
Output Circuitry         AB         Class H, 2           ower Requirements (1/8 power pink noise at 4Ω)***         8 A*         8 A*           Distortion (SMPTE-IM)         < 0.01%	,	,			
ower Requirements (1/8 power pink noise at 4Ω)***    Sample   Sam		26, 32, 36 dB			
Distortion (SMPTE-IM)  10 dB below rated power; 20 Hz - 20 kHz Full rated power: 1 kHz and below Fequency Response  20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz,		Class H, 2-tier			
Distortion (typical)  10 dB below rated power; 20 Hz - 20 kHz Full rated power: 1 kHz and below Fequency Response  20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 20 mping Factor 20 mput Impedance 30 mput Impedance 30 mput Clipping 30 Vrms (+22 dBu) 30 conling (each channel) 30 connectors (each channel) 40 connectors (each channel) 40 controls - Rear 40 lnput Configuration 40 mode 4	9 A*	10 A*			
Full rated power; 20 Hz - 20 kHz Full rated power: 1 kHz and below  requency Response  20 Hz - 20 kHz, ±0.2 dB / 8 Hz - 65 kHz, +0, 2500  Jamping Factor  > 500  Jamping Factor    500  Jamping Factor   500  Jamping Factor   500  Jamping Factor   500  Jornectors (each channel)  Jonnectors (each channel)  Jonectors					
Full rated power: 1 kHz and below requency Response  20 Hz – 20 kHz, ±0.2 dB / 8 Hz – 65 kHz, +0, 20 mping Factor > 500  Power Limiter Controls - Side Power Limiter Enable (each channel)  Power Limiter Speed (e					
requency Response  20 Hz – 20 kHz, ±0.2 dB / 8 Hz – 65 kHz, +0, 20 mput Impedance  put Impedance  6k ohm unbalanced / 12k ohm balanced  10 Vrms (+22 dBu)  Variable speed fan, rear-to-front air flow  Connectors (each channel)  Controls - Rear  Input Configuration  Mode  DataPort Input Signal  Gain Sensitivity  26 dB, +4 dB, or 32 dB  Controls - Side  Subaudio Filter (each channel)  Clip Limiter (each channel)  Low-frequency Delay Enable (Ch. 1 only)  Low-frequency Delay (Ch. 1 only)  High-frequency Ch. attenuation (Ch. 2 only)  CD Horn equalization (Ch. 2 only)  Power Limiter Controls - Side  Power Limiter Fanable (each channel)  Power Limiter Threshold (each channel)  Power Limiter Speed (each channel)  P					
Pamping Factor  Apput Impedance Apput Clipping Apput Configuration Apput Clipping Apput Clipping Apput Controls - Rear Apput Clipping Apput Controls - Rear Apput Configuration Apput Configuration Apput Controls - Side Apput Clip Limiter (each channel) Apput Clip Limiter (each channel) Apput Clipping Apput Clip					
nput Impedance  fixed	dB				
nput Impedance  fixed					
Input Clipping Input Clipping Input Clipping Input Cooling (each channel) Input: 3-pin rubber isolated XLR and 3-pin deta Output: Neutrik Speakon® and touch proof bin Input Configuration Mode DataPort Input Signal Gain Sensitivity Input: 3-pin rubber isolated XLR and 3-pin deta Output: Neutrik Speakon® and touch proof bin Input Configuration Mode DataPort Input Signal Gain Sensitivity Input: 3-pin rubber isolated XLR and 3-pin deta Output: Neutrik Speakon® and touch proof bin Input: 3-pin rubber isolated XLR and 3-pin deta Output: Neutrik Speakon® and touch proof bin Input: 3-pin rubber isolated XLR and 3-pin deta Output: Neutrik Speakon® and touch proof bin Input: 3-pin rubber isolated XLR and 3-pin deta Output: Neutrik Speakon® and touch proof bin Input: 3-pin rubber isolated XLR and 3-pin deta Output: Neutrik Speakon® and touch proof bin Input: 3-pin rubber isolated XLR and 3-pin deta Output: Neutrik Speakon® and touch proof bin Input: 3-pin rubber isolated XLR and 3-pin deta Output: Neutrik Speakon® and touch proof bin Input: 3-pin rubber isolated XLR and 3-pin deta Output: Neutrik Speakon® and touch proof bin Input: 3-pin rubber isolated XLR and 3-pin deta Output: Neutrik Speakon® and touch proof bin Input: 3-pin rubber isolated XLR and 3-pin deta Input: 3-pin rubber isolated XLR and 3-pin deta Input: 3-pin rubber isolated XLR and 3-pin deta Input: 3-pin rubber isolated XLR and 5-pin deta Input: 3-pin ruber isolated XLR and 5-pin deta Input: 3-pin ru					
Variable speed fan, rear-to-front air flow Connectors (each channel)  Variable speed fan, rear-to-front air flow Connectors (each channel)  Variable speed fan, rear-to-front air flow Controls - Rear  Input Configuration  Mode  DataPort Input Signal  Gain Sensitivity  26 dB, +4 dB, or 32 dB  Controls - Side  Subaudio Filter (each channel)  Clip Limiter (each channel)  Cloressover Controls - Side  Frequency  Low-frequency Delay Enable (Ch. 1 only)  Low-frequency Delay (Ch. 1 only)  Low-frequency Delay (Ch. 1 only)  CD Horn equalization (Ch. 2 only)  CD Horn equalization (Ch. 2 only)  CD Horn equalization (Ch. 2 only)  Power Limiter Controls - Side  Power Limiter Threshold (each channel)  Power Limiter Threshold (each channel)  Power Limiter Speed (each channel)  Power Limiter S					
Input: 3-pin rubber isolated XLR and 3-pin deteroutput: Neutrik Speakon® and touch proof bin Controls - Rear Input Configuration Mode DataPort Input Signal Gain Sensitivity Clip Limiter (each channel) Crossover Controls - Side Frequency Low-frequency Delay Enable (Ch. 1 only) Low-frequency Delay (Ch. 1 only) High-frequency CD Horn equalization (Ch. 2 only) CD Horn equalization (Ch. 2 only) Power Limiter Controls - Side Power Limiter Speed (each channel) Power Limiter					
Output: Neutrik Speakon® and touch proof bin Controls - Rear  Input Configuration  Mode DataPort Input Signal Gain Sensitivity Controls - Side Subaudio Filter (each channel) Crossover Controls - Side Frequency Low-frequency Delay Enable (Ch. 1 only) Low-frequency Delay (Ch. 1 only) High-frequency CD Horn equalization (Ch. 2 only) CD Horn equalization (Ch. 2 only) Power Limiter Controls - Side Power Limiter Mode (each channel) Power Limiter Speed (each channel) Power	able terminal blocks (1 each per channel)	<u> </u>			
Input Configuration Mode DataPort Input Signal Gain Sensitivity Dintrols - Side Subaudio Filter (each channel) Clip Limiter (each channel) Cow-frequency Delay Enable (Ch. 1 only) Low-frequency Delay (Ch. 1 only) Low-frequency CD Horn equalization (Ch. 2 only) CD Horn equalization (Ch. 2 only) Power Limiter Enable (each channel) Power Limiter Threshold (each channel) Power Limiter Speed (each channel) Power Limiter Speed (each channel)  Assignation of parallel Power Limiter Speed (each channel)  Front: Power: Green LED   Bridged: Yellow LED Level -10: Orange LED (1 per ch.)   Level		,			
Input Configuration  Mode  DataPort Input Signal  Gain Sensitivity  26 dB, +4 dB, or 32 dB  Controls - Side  Subaudio Filter (each channel)  Clip Limiter (each channel)  Con or off  Frequency  Low-frequency Delay Enable (Ch. 1 only)  Low-frequency Delay (Ch. 1 only)  Augre of 0.14 to 6.5 mSec. (configured with SI High-frequency ch. attenuation (Ch. 2 only)  CD Horn equalization (Ch. 2 only)  Power Limiter Controls - Side  Power Limiter Threshold (each channel)  Power Limiter Threshold (each channel)  Power Limiter Speed (each channel)  Front: Power: Green LED   Bridged: Yellow LED Level -10: Orange LED (1 per ch.)   Level	-8 keep				
Mode DataPort Input Signal Pre-processing, post-processing, or off Gain Sensitivity 26 dB, +4 dB, or 32 dB  Controls - Side Subaudio Filter (each channel) Clip Limiter (each channel) Crossover Controls - Side Frequency Frequency Low-frequency Delay Enable (Ch. 1 only) Low-frequency Delay (Ch. 1 only) CD Horn equalization (Ch. 2 only) CD Horn equalization (Ch. 2 only) Power Limiter Controls - Side Power Limiter Mode (each channel) Power Limiter Threshold (each channel) Power Limiter Threshold (each channel) Power Limiter Speed (each channel) Power Limiter Speed (each channel) Fast: 1-8 mSec. of attack (depending on Slow: 180 mSec1.6 sec. of attack (depending on Slow: 180 mSec1.6 sec. of attack (depending on Indicators  Front: Power: Green LED   Bridged: Yellow LED Level -10: Orange LED (1 per ch.)   Level					
DataPort Input Signal Gain Sensitivity 26 dB, +4 dB, or 32 dB  Controls - Side Subaudio Filter (each channel) Clip Limiter (each channel) Crossover Controls - Side Frequency Low-frequency Delay Enable (Ch. 1 only) Low-frequency Delay (Ch. 1 only) Low-frequency Delay (Ch. 2 only) Range of 0.14 to 6.5 mSec. (configured with SI High-frequency Ch. attenuation (Ch. 2 only) COD Horn equalization (Ch. 2 only) Range of 0 to - 15 dB in 1 dB steps (active on CD Horn equalization (Ch. 2 only) Power Limiter Controls - Side Power Limiter Enable (each channel) Power Limiter Threshold (each channel) Power Limiter Threshold (each channel) Power Limiter Speed (each channel) Fast: 1-8 mSec. of attack (depending on Slow: 180 mSec1.6 sec. of attack (depending Ch.1 tracks Ch. 2, Ch. 2 tracks Ch. 1, or off Front: Power: Green LED   Bridged: Yellow LED Level -10: Orange LED (1 per ch.)   Level					
Gain Sensitivity  26 dB, +4 dB, or 32 dB  Controls - Side  Subaudio Filter (each channel)  Clip Limiter (each channel)  Trossover Controls - Side  Frequency  Low-frequency Delay Enable (Ch. 1 only)  Low-frequency Delay (Ch. 1 only)  Augre of 0.14 to 6.5 mSec. (configured with SI High-frequency ch. attenuation (Ch. 2 only)  CD Horn equalization (Ch. 2 only)  Range of 0 to - 15 dB in 1 dB steps (active on the controls of the con					
Soutrols - Side Subaudio Filter (each channel) Clip Limiter (each channel) Crossover Controls - Side Frequency Low-frequency Delay Enable (Ch. 1 only) Low-frequency Delay (Ch. 1 only) Augre of 0.14 to 6.5 mSec. (configured with SI High-frequency ch. attenuation (Ch. 2 only) CD Horn equalization (Ch. 2 only) Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to -15 dB in 1 dB steps (active on Range of 0 to -15 dB in 1 dB steps)  Fower Limiter Controls - Side Power Limiter Enable (each channel) Power Limiter Mode (each channel) Power Limiter Threshold (each channel) Power Limiter Speed (each channel) Fast: 1-8 mSec. of attack (depending on Slow: 180 mSec1.6 sec. of attack (depending Ch.1 tracks Ch. 2, Ch. 2 tracks Ch. 1, or off Front: Power: Green LED   Bridged: Yellow LED Level -10: Orange LED (1 per ch.)   Level					
Subaudio Filter (each channel)  Clip Limiter (each channel)  Trossover Controls - Side  Frequency  Low-frequency Delay Enable (Ch. 1 only)  Low-frequency Delay (Ch. 1 only)  Range of 85 Hz to 2500 Hz (configured with S On or off (active only in bi-amp mode only)  Range of 0.14 to 6.5 mSec. (configured with SI High-frequency ch. attenuation (Ch. 2 only)  Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to -15 dB in 1 dB steps)  Power Limiter Controls - Side  Power Limiter Enable (each channel)  Power Limiter Mode (each channel)  Power Limiter Threshold (each channel)  Power Limiter Speed (each channel)  Range of 0 to -15 dB in 1 dB steps  Fast: 1-8 mSec. of attack (depending on limiter Medium: 10-80 mSec. of attack (depending on Slow: 180 mSec1.6 sec. of attack (depending Ch.1 tracks Ch. 2, Ch. 2 tracks Ch. 1, or off for the control of the					
Clip Limiter (each channel)  On or off  Trossover Controls - Side Frequency Low-frequency Delay Enable (Ch. 1 only) Low-frequency Delay (Ch. 1 only) Award of 0.14 to 6.5 mSec. (configured with SI Range of 0.14 to 6.5 mSec. (configured with SI Range of 0.14 to 6.5 mSec. (configured with SI Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to + 14 dB boost in 2 dB steps (active on Range of 0 to + 14 dB boost in 2 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps)  Power Limiter Threshold (each channel) Power Limiter Speed (each channel) Power Limiter Speed (each channel) Fast: 1-8 mSec. of attack (depending on limiter Medium: 10-80 mSec. of attack (depending on Slow: 180 mSec1.6 sec. of attack (depending Ch.1 tracks Ch. 2, Ch. 2 tracks Ch. 1, or off  Front: Power: Green LED   Bridged: Yellow LED Level -10: Orange LED (1 per ch.)   Level					
Frequency Low-frequency Delay Enable (Ch. 1 only) Low-frequency Delay (Ch. 1 only) Low-frequency Delay (Ch. 1 only) Range of 0.14 to 6.5 mSec. (configured with SI Range of 0.14 to 6.5 mSec. (configured with SI Range of 0.14 to 6.5 mSec. (configured with SI Range of 0.14 to 6.5 mSec. (configured with SI Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to + 14 dB boost in 2 dB steps (active on Range of 0 to + 14 dB boost in 2 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to - 15 dB in 1 dB steps (a					
Frequency Low-frequency Delay Enable (Ch. 1 only) Low-frequency Delay (Ch. 1 only) Low-frequency Delay (Ch. 1 only) High-frequency ch. attenuation (Ch. 2 only) CD Horn equalization (Ch. 2 only) Power Limiter Controls - Side Power Limiter Enable (each channel) Power Limiter Threshold (each channel) Power Limiter Speed (each channel) Power Limiter Speed (each channel) Power Limiter Speed (each channel) Fower Limiter Speed (each channe					
Low-frequency Delay Enable (Ch. 1 only) Low-frequency Delay (Ch. 1 only) High-frequency ch. attenuation (Ch. 2 only) CD Horn equalization (Ch. 2 only) Power Limiter Controls - Side Power Limiter Mode (each channel) Power Limiter Threshold (each channel) Power Limiter Speed (each channel) Power Limiter Speed (each channel) Power Limiter Speed (each channel) Fower Limiter Speed (each channel) Fast: 1-8 mSec. of attack (depending on limiter Medium: 10-80 mSec. of attack (depending on Slow: 180 mSec1.6 sec. of attack (depending Ch.1 tracks Ch. 2, Ch. 2 tracks Ch. 1, or off Front: Power: Green LED   Bridged: Yellow LED Level -10: Orange LED (1 per ch.)   Level					
Low-frequency Delay (Ch. 1 only)  High-frequency ch. attenuation (Ch. 2 only)  CD Horn equalization (Ch. 2 only)  Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to	esistor)				
High-frequency ch. attenuation (Ch. 2 only)  CD Horn equalization (Ch. 2 only)  Range of 0 to - 15 dB in 1 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (active on Range of 0 to +14 dB boost in 2 dB steps (activ					
CD Horn equalization (Ch. 2 only)  Range of 0 to +14 dB boost in 2 dB steps (active context)  Range of 0 to +14 dB boost in 2 dB steps (active context)  Power Limiter Controls - Side  Power Limiter Enable (each channel)  Power Limiter Mode (each channel)  Power Limiter Threshold (each channel)  Power Limiter Speed (each channel)  Power Limiter Speed (each channel)  Range of 0 to -15 dB in 1 dB steps  Fast: 1-8 mSec. of attack (depending on limiter Medium: 10-80 mSec. of attack (depending on Slow: 180 mSec1.6 sec. of attack (depending Ch.1 tracks Ch. 2, Ch. 2 tracks Ch. 1, or off forms of the context of the cont					
Power Limiter Controls - Side Power Limiter Enable (each channel) Power Limiter Mode (each channel) Power Limiter Threshold (each channel) Power Limiter Speed (each channel) Fast: 1-8 mSec. of attack (depending on limiter Medium: 10-80 mSec. of attack (depending on Slow: 180 mSec1.6 sec. of attack (depending Ch.1 tracks Ch. 2, Ch. 2 tracks Ch. 1, or off formaticators  Front: Power: Green LED   Bridged: Yellow LED Level -10: Orange LED (1 per ch.)   Level	n bi-amp mode)				
Power Limiter Enable (each channel) Power Limiter Mode (each channel) Power Limiter Threshold (each channel) Power Limiter Speed (each channel) Fast: 1-8 mSec. of attack (depending on limiter Medium: 10-80 mSec. of attack (depending on Slow: 180 mSec1.6 sec. of attack (depending Ch.1 tracks Ch. 2, Ch. 2 tracks Ch. 1, or off Front: Power: Green LED   Bridged: Yellow LED Level -10: Orange LED (1 per ch.)   Level	only in bi-amp mode)				
Power Limiter Mode (each channel) Power Limiter Threshold (each channel) Power Limiter Speed (each channel) Power Limiter Speed (each channel) Power Limiter Speed (each channel)  Fast: 1-8 mSec. of attack (depending on limiter Medium: 10-80 mSec. of attack (depending on Slow: 180 mSec1.6 sec. of attack (depending Ch.1 tracks Ch. 2, Ch. 2 tracks Ch. 1, or off Front: Power: Green LED   Bridged: Yellow LED Level -10: Orange LED (1 per ch.)   Level					
Power Limiter Mode (each channel) Power Limiter Threshold (each channel) Power Limiter Speed (each channel) Power Limiter Speed (each channel) Power Limiter Speed (each channel)  Fast: 1-8 mSec. of attack (depending on limiter Medium: 10-80 mSec. of attack (depending on Slow: 180 mSec1.6 sec. of attack (depending Ch.1 tracks Ch. 2, Ch. 2 tracks Ch. 1, or off Front: Power: Green LED   Bridged: Yellow LED Level -10: Orange LED (1 per ch.)   Level					
Power Limiter Threshold (each channel) Power Limiter Speed (each channel) Power Limiter Speed (each channel)  Fast: 1-8 mSec. of attack (depending on limiter Medium: 10-80 mSec. of attack (depending on Slow: 180 mSec1.6 sec. of attack (depending on Ch.1 tracks Ch. 2, Ch. 2 tracks Ch. 1, or off Front: Power: Green LED   Bridged: Yellow LED Level -10: Orange LED (1 per ch.)   Level					
Power Limiter Speed (each channel)  Fast: 1-8 mSec. of attack (depending on limiter Medium: 10-80 mSec. of attack (depending on Slow: 180 mSec1.6 sec. of attack (depending on Ch.1 tracks Ch. 2, Ch. 2 tracks Ch. 1, or off Front: Power: Green LED   Bridged: Yellow LED Level -10: Orange LED (1 per ch.)   Level					
Medium: 10-80 mSec. of attack (depending on Slow: 180 mSec1.6 sec. of attack (depending Ch.1 tracks Ch. 2, Ch. 2 tracks Ch. 1, or off ridicators  Front: Power: Green LED   Bridged: Yellow LED Level -10: Orange LED (1 per ch.)   Level	ode) and 20 ms release				
Slow: 180 mSec1.6 sec. of attack (depending Ch.1 tracks Ch. 2, Ch. 2 tracks Ch. 1, or off ndicators  Front: Power: Green LED   Bridged: Yellow LED Level -10: Orange LED (1 per ch.)   Level	Medium: 10-80 mSec. of attack (depending on limiter mode) and 200 ms release				
Ch.1 tracks Ch. 2, Ch. 2 tracks Ch. 1, or off ridicators  Front: Power: Green LED   Bridged: Yellow LED Level -10: Orange LED (1 per ch.)   Level					
ndicators Front: Power: Green LED   Bridged: Yellow LED Level -10: Orange LED (1 per ch.)   Level	illilici filode) and 4 sec. release				
Level -10: Orange LED (1 per ch.)   Level	arallol: Orango LED   Piamp: Plus LED   C	lin: Rod LED (1 per ch)			
	Level -10: Orange LED (1 per ch.)   Level -20: Green LED (1 per ch.)   Signal -35: Green LED (1 per ch.)				
D (1 (					
Rear: Stereo: Green LED   Parallel: Orange LED					
	150 L000 12 1 11" 155 1	Gain 26dB: Orange LED			
Gain +4dBu: Green LED   Gain 32dB: Yel	en LED   DP Post Processing: Yellow LED   C				
Side: LF filter engaged: Green LED (1 per ch.)	v LED				
implifier Protection Full short circuit, open circuit, thermal, ultrasor	v LED ower Limiter Activity: Yellow LED (1 per ch.)	matched loads			
oad Protection On/off muting / DC-fault power supply shutdo	v LED ower Limiter Activity: Yellow LED (1 per ch. RF protection. Stable into reactive or misr	· · · · · · · · · · · · · · · · · · ·			
Dimensions (HWD) 3.5" (8.9 cm) 2 rack spaces x 19" (48.3 cm) ra	v LED ower Limiter Activity: Yellow LED (1 per ch.) RF protection. Stable into reactive or miss				
Veight - Net / Shipping 21 lbs (9.5 kg) / 27 lbs (12.3 kg)	v LED ower Limiter Activity: Yellow LED (1 per ch.) RF protection. Stable into reactive or miss	unting rails			

<sup>\*</sup>at 120 VAC, both channels driven; multiply current by 0.5 for 230V units \*\* Note: 1/8 power is representative of current draw with typical music program material with occasional clipping



- 1 Low pass delay network SIP\* socket (J5)
- 2 Crossover frequency network SIP socket (J4)
- **3** Subaudio filter push-button switches (1 per channel)
- 4 Subaudio filter "on" indicator LEDs (1 per channel)
- \* SIP is the abbreviation for Single-In-line Package
- \*\* DIP is the abbreviation for Dual-In-line Package

- 5 DIP\*\*\* switch for subaudio filter frequency select, low frequency delay enable, HF attenuation and horn boost
- 6 DIP switches for power limiting adjustments and clip limiting enable
- 7 Activity LEDs for indication of power limiter activity (1 per channel)

### **PL2A Model**

