



Providing a clear, rich and fulfilling listening experience that effectively conveys information and communicates emotions.

• dBP line array specifications

Audio

Output power	350W x 2 into 4 Q
Gain	32dB
Max Input level	15dBu
Frequency response	20Hz-20KHz (+/-0.5dB @ 1W, Bohm)
S/N ratio	> 100 dB (20 Hz - 20 kHz, A weighted)
THD+N	< 0,005 % from 0,1W to full power
Input Impedance	10 kQ balanced
Sensitivity	97dB@1W/1m
Slew rate	30 V/ μ s @ 8 Q, input filter bypassed
IMD	SMPTE < 0,005 % from 0,1W to full power
Damping factor	> 1000 @ 100 Hz
DSP architecture	Analog Devices® ADAU 1702 DSP
A-D converters	24 bit @ 48 kHz architecture
D-A converters	24 bit @ 48 kHz architecture
Latency	0.644ms fixed latency architecture
Input equalisers	5 layers: parametric, hi/lo-shelving, hi/lo-pass, band-pass, band-stop, all-pass
Output equalisers	10 full parametric per channel, IIR: peaking, hi/lo Shelving, hi/lo Pass Eq., Band pass
Crossovers	Butterworth, Linkwitz-Riley, Bessel: 6 dB/oct to 48 dB/oct
Delays	up to 10 ms per output
Limiters	Peak limiter, RMS limiter, frequency dependent RMS limiter

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• Sub-Woofer - The technology

IPALMOD amplifier

Output power	8500W into 1 Q
DSP Architecture	Patented "Zero Latency" DSP
Latency	10 μ s latency on analog in analog out feedback path
Gain	32dB
Input sensitivity	13dBu
Max input level	15dBu
Output Equaliser	16 fully parametric filters per channel. IIR, peaking, hi/li shelving, high pass
Crossover	Butterworth, Linkwitz-Riley, Bessel, 6dB/oct to 48dB/oct
Delay	Up to 1300ms
Sensor control	Pressure sensor for closed loop feedback from speaker to amplifier
Virtual speaker mode	Maximize performance and adapt to existing designs
Limiters	TruePower™, RMS voltage, current clamp & current RMS
Damping	Active damping control
Thiele-Small parameters	Oes, OmS, Vas, Sd, Fs, Re
Electromechanical	Cms, Mms, Rms, Bl, Sd, Re

Speakers

Eighteen Sound	18iD x 2
Power	3600W Max peak/speaker
Voice coil diameter	135mm
Peak excursion	70mm
Sensitivity	98dB @ 1W/1m
Spider	Double silicon spider
Cone	Carbon fiber reinforced treated cellulose pulp