

# DS-001

The ultimate 200W compact power amplifier.



The ultra compact DS-001 produces an astonishing 200W into 8 ohms. In addition it produces a flat frequency curve under all loads due to its intelligent feedback loop circuit that senses the loudspeaker's load and adjusts the response accordingly, making output impedance extremely low and bettering many larger, audiophile 'Class A' analogue designs. The extremely compact power supply and amplifier are highly efficient with the amplifier delivering 92% efficiency reducing current usage. Both exhibit extremely low radiated and conducted EMI - perfect for low noise environments. The power supply also features over current protection and large electrolytic buffer capacitors which allow for large current delivery and ample dynamic headroom.

For greater flexibility the DS-001 features rack and independent mounting options. The rack frame allows for up to three modules in a 1U format or up to eight modules in a 3U format, making it ideal for stereo, surround or multi-zone applications. The independent mounting kit allows the DS-001 to be attached directly to the rear of a loudspeaker or convenient flat surface.



1 U rack for stereo



Up to 8 modules in a 3 U format



1 U rack for LCR

# DS-001

Available for 230v or 115v operation with loudspeaker output connections via the robust Neutrik® SpeakON NL4 series. Audio input is via balanced XLR, mains via IEC with the gain adjustment easily accessible on the front panel (min 16dB, centre detent 22dB, max 33dB).



DS-001 Front panel



Back panel



The mounting plate option allows for direct mounting onto existing loudspeakers, subwoofers or anywhere where 200 watts of high quality power is required.

The DS-001 also features as the significant upgrade to the new DB1S-All and TB2S-All compact **ATL™** nearfield monitors, providing a major improvement in audio performance with cleaner, faster more neutral presentation across the full bandwidth. This innovative ultra low noise design also offers an increase in power taking it from 100W to 200W. Teaming the DS-001 with PMC's highly accurate **ATL™** (Advanced Transmission Line) bass loading system, produces a supremely accurate frequency response creating the ideal tool for the discerning professional.

**ATL™**  
Advanced Transmission Line



TB2S-All

## Specification

<b>Input connection:</b>	Balanced XLR
<b>Input impedance:</b>	47k.
<b>Input sensitivity:</b>	0.4 vrms for rated 200w into 8ohms
<b>Max power output:</b>	200w
<b>THD:</b>	0.05% 20Hz<f<20kHz. Pout<PR/2 0.004% 20Hz<f<20kHz Pout=1W
<b>S/N Ratio:</b>	110dB referenced to 200W
<b>Vol Adjust:</b>	Min 17dB – Max 33dB
<b>Idle power consumption:</b>	Approx. 15W
<b>Mains connection:</b>	IEC 3 pole
<b>Dimensions:</b>	129(W) x 40(H) x 211(D)mm (case work only) 129(W) x 40(H) x 236(D)mm (overall)
<b>Weight:</b>	850g

subject to change without notice



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