

DPA-1

Digital Pre-Amplifier



The DPA-1 is a true digital pre-amplifier from Lyngdorf Audio incorporating the innovative RoomPerfect™ room correction technology originally launched in the TDA 2200 true digital integrated amplifier.

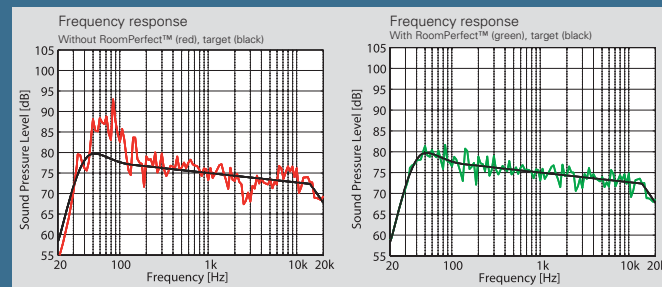
However, the DPA-1 is much more than a pre-amplifier with room correction: It is a complete digital signal processing control center for designing advanced loudspeaker set-ups.

Room - removed

The RoomPerfect™ room correction technology in the DPA-1 pre-amplifier effectively removes the room from the 'good sound' equation allowing you access to the real sound of your audio system. RoomPerfect™ simply represents the current state-of-the-art within room correction. And test results from all over the world confirm that it also works perfectly in 'real life'.

So, it works and makes a world of difference – but how is it to operate? Well, even though this is the most sophisticated room correction system in the market it is very simple to use. You don't need to know anything about acoustics or computers to get full

benefit from RoomPerfect™. The menu will guide you through the calibration and everything needed; microphone, stand and cable come included with the DPA-1. So, you are easily up and running in less than ½ hour!



Handled with care

The DPA-1 has been carefully designed using the experience gained from the state-of-the-art Millennium and TDA1 amplifiers regarding internal noise in both the analog and digital signal sections. This incorporates special low-noise design techniques reducing digital interference in the product thus giving better working conditions for the critical converters which are sensitive to noise.

All the signal paths of the DPA-1 are individually impedance-compensated (using transmission-line principles) ensuring better noise immunity, while optimum impedance matching is maintained in order to preserve the original signal shape.

Analog interface? – Of course . . .

The DPA-1 is equipped with a state-of-the-art A/D conversion module with 3 unbalanced + 1 balanced inputs, allowing the DPA-1 to interface with analog sources. The converter is built to outperform noise levels of most analog sources. Whether you use the single-ended or balanced inputs provided, the signal is immediately converted to a balanced signal. Input selection, meanwhile, is carried out via high-end, double gold-plated relays, normally only encountered in high-precision measuring equipment.

Try out the Lyngdorf Audio DPA-1 – that is, of course, if you want to discover the real sound of your audio system.



Preliminary Specifications

Model	Frequency response		S/N ratio, A wgt.			Mains voltage range		Width	Depth	Height	Net weight
	-3dB	20-20k Hz	D/D	D/A	A/A	115V version	230V version				
DPA-1	0.3 - 33k Hz	-0dB/+ 0.2dB	125dB	115dB	112dB	100-120V AC, 50-60Hz	200-240V AC, 50-60Hz	450 mm	440 mm	100 mm	7.4kg