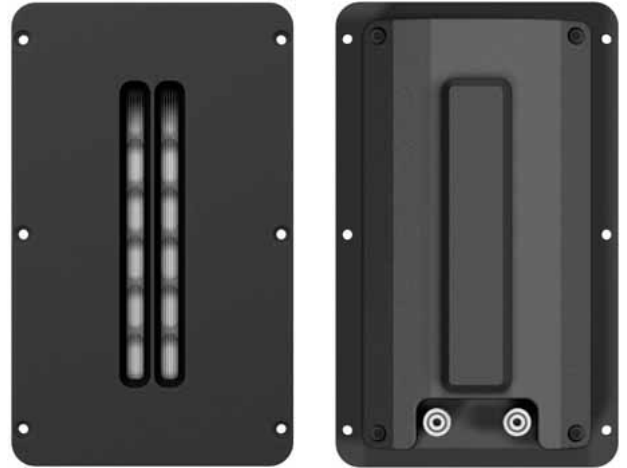


**SLS Loudspeakers**  
3119 S. Scenic, Springfield, MO 65807

## **PRD1000 Planar Ribbon Driver**

The PRD1000 is a high performance planar ribbon driver with very high sensitivity/output capabilities developed for wide range of professional and consumer applications where highest quality accurate sound reproduction is required.



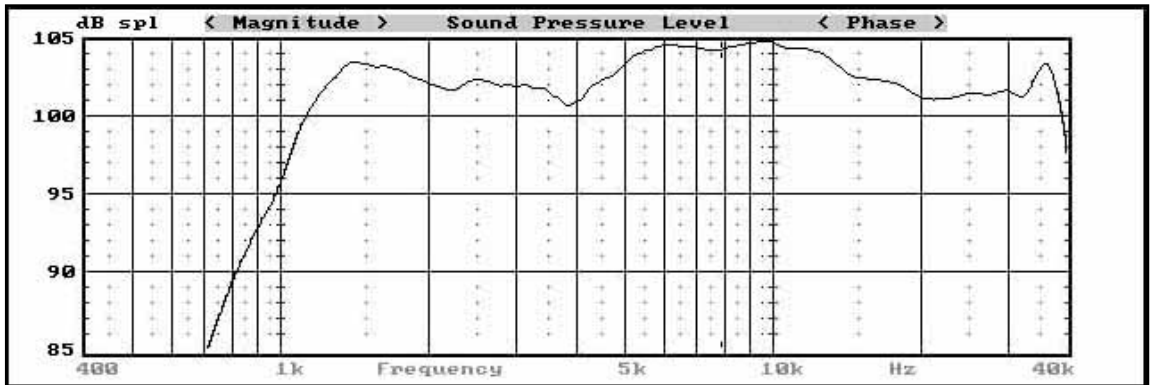
### **Unique Features:**

- Kapton® diaphragm, massive cast aluminum body, direct contact gold plated binding posts, proprietary cooling technique, symmetrical push-pull Neodymium magnet system
- Driving force directly acts on the diaphragm and is evenly distributed over the radiating surface providing freedom from break-up resonance, transmission delay and losses
- Flat diaphragm provides the ideal shape for sound radiation, that is frequency independent, results in even and coherent wavefront, even dispersion, no wave cancellation, no signal delays, no horn throat related colorations
- Purely resistive impedance, virtually free from inductive component
- Extremely light diaphragm compares by mass to associated vibrating air volume, being extremely light it creates ideal condition for sound energy transfer, accurate signal resolution, very high sensitivity and high frequency output extension

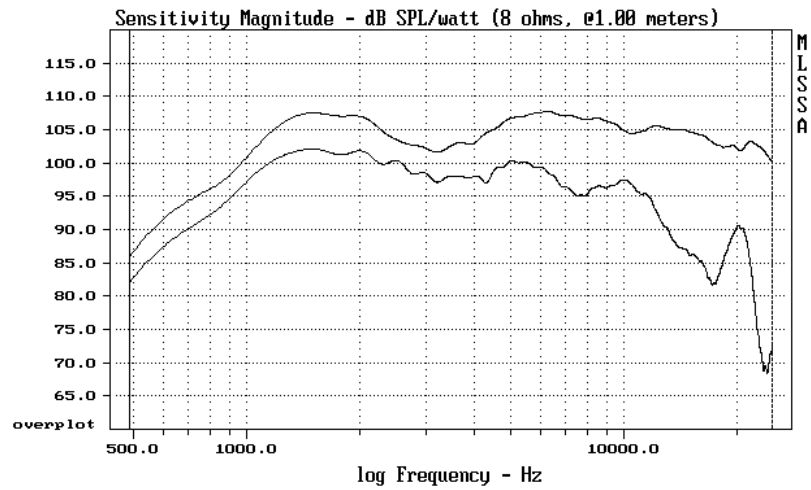
The PRD1000 driver can be used with its standard flat face plate or with specially designed cast aluminum 70° x 40° horn. The PRD1000 is specifically suitable for true line source systems that provides appropriate coupling at high frequencies resulting in coherent, free from distortion and colorations, long throw sound energy beam. For more detailed information please download a white paper on PRD drivers at [www.slsloudspeakers.com](http://www.slsloudspeakers.com)

### **Specifications**

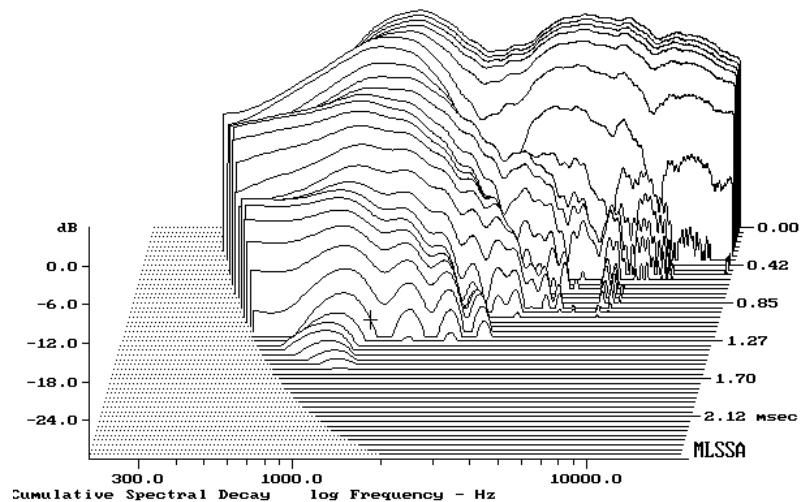
Parameters	<b>PRD1000</b>	<b>PD1000 with 70°x 40° horn</b>
Effective frequency range	1000 Hz-40 kHz	1000 –40 kHz
Power handling, W	70 W RMS, 1000 W peak	70 W RMS, 1000 W peak
Sensitivity, 2.83V/1m	103 dB	107dB
Nominal impedance, ohms	6 (purely resistive)	6 (purely resistive)
Dimensions HxWxD	9.45”(24cm)x5.75”(14.6cm)x 2.44”(5.2cm)	11.9”(30.3cm)x11.9”(30.3cm) x7”(18cm)
Weight	5.5 lbs (2.5 kg)	6.5 lbs (3.5kg)



**PRD1000 frequency response, 2.83V/1m without horn**



**PRD1000 frequency response, 2.83V/1m with 70°x 40° horn  
On-axis (upper curve), 35° off-axis (lower curve)**



-27.37 dB, 1400 Hz (76), 1.219 msec (24)

**PRD1000 cumulative decay spectrum (waterfall), 1m, 30dB  
dynamic range, no smoothing**