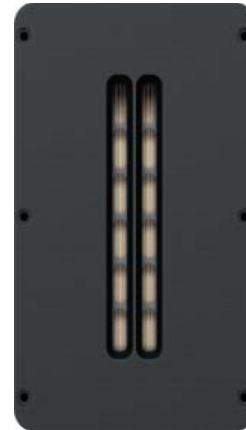




PRD1000 Planar Ribbon Driver

High performance planar magnetic ribbon driver

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



UNIQUE FEATURES

1. Kapton® diaphragm, massive cast aluminum body, direct contact gold plated binding posts, symmetrical push-pull Neodymium magnet system
2. Driving force acts directly on the diaphragm and is evenly distributed over the radiating surface providing freedom from break-up resonance, transmission delay and losses
3. Flat diaphragm provides an ideal shape for sound radiation that is frequency independent resulting in an even and coherent wavefront, even dispersion, no wave cancellation, no signal delays and no horn-throat related colorations
4. Purely resistive impedance, virtually free from inductive component
5. Extremely light diaphragm which compares by mass to an associated vibrating air volume. Being extremely light, it creates an 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 faceplate or with a specially designed cast aluminum 80° x 40° horn. The PRD1000 is well suited for true line-source systems, providing appropriate coupling at high frequencies which enable a coherent, long-throw sound energy beam.

For more detailed information please download a white paper on PRD drivers at www.dolby.com

SPECIFICATIONS

Parameters	PRD1000	PRD1000 W/ 80°x 40° Horn
Effective Frequency Range	1200Hz-20kHz	1200Hz-20kHz
Power Handling W	62W RMS, 1000W Peak	62W RMS, 1000W Peak
Sensitivity, 1W/1m	101dB	105dB
Nominal Impedance, Ohms	6.5Ω (purely resistive)	6.5Ω (purely resistive)
Dimensions HxWxD	9.45" (24cm) x 5.75" (14.6cm) x 2.44" (5.2cm)	11.9" (30.3cm) x 11.9" (30.3cm) x 7" (18cm)
Weight	5.5 lbs (2.5 kg)	6.5 lbs (3.5 kg)

