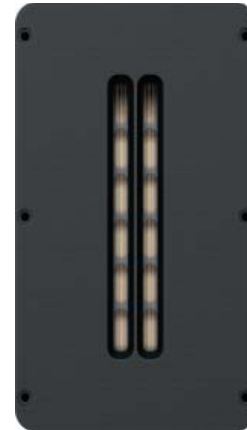




PRD1200 Planar Ribbon Driver

High performance planar magnetic ribbon driver

The PRD1200 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. Unique high power 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 components
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 PRD1200 driver can be used with its standard flat faceplate or with a specially designed cast aluminum 80° x 40° horn. The PRD1200 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	PRD1200	PRD1200 W/ 80° x 40° Horn
Effective Frequency Range	1200Hz-20kHz	1200Hz-20kHz
Power Handling W	100W RMS, 1200W Peak	100W RMS, 1200W Peak
Sensitivity, 1W/1m	101dB	105dB
Nominal Impedance, Ohms	9Ω (purely resistive)	9Ω (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)

