P815 - FULL RANGE

SOUND PROCELLA PERFECTED

Main Channels

INTRODUCTION

This reference-quality, precision full-range speaker is designed for large home cinemas, studios, screening rooms and small cinemas. It combines the P8 reference loudspeaker with the P15Si 15" low-frequency module to produce THX cinema reference levels at an incredible 8 meters (over 26 feet). From revealing the smallest details to producing the awesome impact of a full-scale 96/24 recording or film soundtrack, with the P815 you become one with the performance. The P815 is THX approved for integration into professional rooms, including THX Certified Screening Rooms and THX pm3 (professional Mixing, Monitoring and Mastering) studios.

TECHNICAL SPECIFICATIONS

Impedance	8 ohms nominal (each input)
Power Handling	
Low Freq Peak	700W continuous, 1,500W
High Freq Peak	250W continuous, 1,000W
Frequency Response	
-3dB	40Hz – 20kHz
Maximum SPL	
Free standing	122dB continuous 126dB peak
In wall	126dB continuous 132dB peak
Dispersion Pattern	Constant directivity;
-6dB	80°H x 50°V from 1.5kHz
Sensitivity	
1W/1m	96dB
Crossover	4th Order Linkwitz-Riley 1.6kHz, BSC (internal to P8) 150Hz (external DSP required)
External amplification is required	Procella amps sold, packaged separately, see tech sheets for specs.
Recommended amplifier	2-ch DA03-DSP or DA08-DSP

Components	
Low Frequency (P15Si)	15" long throw driver with 75mm voice coil in 51 liter sealed box
Midrange (P8)	8" long throw driver with 40mm voice coil in 15 liter sealed box
High Frequency	1.5" driver with a polyester diaphragm on elliptical constant directivity waveguide
Construction	Void free MDF internally cross braced
Included	Loudspeaker bracket, damper feet
Dimensions	
WxHxD (P8)	40.6" x 18.9" x 11.0" 1030 x 480 x 280 mm
WxHxD (P15Si)	28.35" x 23.6" x 15.75" 720 x 600 x 400 mm
Shipping Carton (2)	
HxWxD	31.5" x 15.7" x 11.8" 800 x 400 x 300mm
Net Weight	86.4 Lbs / 39.2 Kg
Shipping Weight	37.5 Lbs / 16.9 Kg + 63.9 Lbs / 29 Kg





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