



Fullrange loudspeaker P815

LCR Bi-amplified



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 sound-track, 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 frequency High frequency	700W continuous, 1,500W peak 250W continuous, 1,000W peak
Frequency Response - 3 dB	40Hz and 20kHz
Maximum SPL free standing in wall	122dB continuous 126dB peak 126dB continuous 132dB peak
Dispersion pattern -6dB	Constant directivity 80°H x 50°V from 1.5kHz
Sensitivity 1m/1W	96dB
Crossover	4th Order Linkwitz-Riley 1,6kHz, BSC (internal to P8) 150Hz (external DSP required)
Connectivity	Gold plated large diameter binding posts (two pair)
External amplification is required	Procella amplifiers sold, packaged separately, see Tech Sheets for specifications
Recommended amplifier	2 channels of the DA2800-DSP or 2 channels of the DA06-DSP

Components Low Frequency (P15Si)	15" long throw driver with 75mm voice coil in 51 litre sealed box
Midrange (P8)	8" driver with 40mm voice coil in 15 litre sealed box
High Frequency (P8)	1.5" driver with a Polyester diaphragm on elliptical constant directivity wave guide
Construction	Void free MDF internally cross braced Painted black finish
Included	Loudspeaker bracket, damper feet
Dimensions HxWxD	40.6" x 18.9" x 11.0" 1030 x 480 x 280 mm
Shipping Cartons (2) HxWxD (P8)	15.75" x 23.6" x 12" 500 x 600 x 300 mm
HxWxD (P15Si)	28,35" x 23,6" x 15,75" 720 x 600 x 400 mm
Net weight	86,4 Lbs / 39,2 Kg
Shipping weight	37,5 Lbs / 16,9 Kg + 63,9 Lbs / 29 Kg
Assembly	Sweden; 100% QC testing