



Fullrange loudspeaker P860

LCR Bi-amplified



INTRODUCTION

The P860 is Procella's flagship and the ultimate full-range main speaker. Capable of peak levels up to an incredible 138 dB, with THX reference level output at 16 meters (over 52 feet!), this speaker is designed for rooms up to 24 meters (80 feet) deep, enabling it to fill even mid-sized commercial theaters with highly accurate, dynamic sound. Its P28 mid/high frequency module uses dual high-output pro-quality 8 inch midranges and a 1.5 inch compression driver with Procella waveguide. Its low-frequency enclosure features Procella V6 Power, utilizing six professional 10-inch woofers in a push-pull, distortion cancelling configuration that produces massive impact and dynamics.

TECHNICAL SPECIFICATIONS

Impedance

Mid/HF 4 ohms nominal
Low Frequency 3 inputs, each 6 ohms nominal

Power Handling

Low frequency 700W continuous (each input)
High frequency 250W cont., 1,000W peak

Frequency Response

-3 dB 40Hz and 20kHz

Maximum SPL

free standing 128dB continuous 132dB peak
in wall 132dB continuous 138dB peak

Dispersion pattern

-6dB Constant directivity
80°H x 50°V from 1.0kHz

Sensitivity

1m/1W 99dB

Crossover

4th Order Linkwitz-Riley
1,6kHz, BSC (internal to P28)
150Hz (external DSP required)

Connectivity

Gold plated large diameter
binding posts (four pair)

External amplification is required

Procella amplifiers sold, packaged
separately, see Tech Sheets for
specifications

Recommended amplifier

4 channels of the DA2800-DSP

Components

Low Frequency (V6™ configuration) 6x 10" long throw driver with 65mm
voice coil in 150 litre sealed box

Midrange (P28) 2x 8" high output driver with 40mm voice coil
in 30 litre sealed box

High Frequency (P28) 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 67,8" x 26,4" x 11,8"
1720 x 670 x 300 mm

Shipping Cartons (2)

HxWxD (P28) 29,5" x 22,4" x 11,8"
750 x 570 x 300 mm

HxWxD (V6) 45,3" x 29,8" x 15,8"
1150 x 755 x 400 mm

Net weight

211,6 Lbs / 96 Kg

Shipping weight

37,5 Lbs / 17 Kg + 187,4 Lbs / 85 Kg

Assembly

Sweden; 100% QC testing