



# 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