



High Quality Column Speaker

PanBeam® P8-1

Features:

- High Quality Loudspeakers for Outdoor use capability
- IP54 classification
- -30° - +70° C Temperature Range
- High Speech Intelligibility even in highly reverberant or noisy environments
- True 1-inch professional HF-Driver for clear music reproduction

- 200 Watt max (300 W peak)

- Slim Compact Design
90cm*9,4cm*9,2 cm

- Lightweight: 5 kg

- Wide Horizontal Dispersion
140 degrees

- Wall-Mounting-Hardware included
- Mounting options for fixed Installation and portable Use

- Engineered and manufactured in Germany





High Quality Column Speaker

The **Pan-Beam®** series offers a high quality solution in nearly every architecturally demanding sound-installation.

Pan-Beam® consists of several types, it is a family. For active control and electronical steerable columns please choose the type PB08, PB16, PB24, PB32, PB216.

The **PanBeam® P8-1** is ideally suited for smaller environments with unfavourable acoustical circumstance, where improved speech intelligibility is required.

The **PanBeam® P8-1** is equipment with seven custom-made 3,5"-woofer and one 1"-HF-Driver for very good sound reproduction in the higher frequencies even at high sound pressure levels.

A single **PanBeam® P8-1** is capable of covering an audience-area of up to 25 m, giving a quite constant sound pressure and clarity over the complete distance.

Wall mounting hardware is included.

Typical applications:

- **Churches, Museums**
- **Railway-Stations**
- **Conference Facilities**
- **Lecture Halls**
- **Shopping Malls**
- **A/V Presentation Rooms**
- **Fill or Delay System in larger installations**

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- **Full range of mounting Accessories**
- **Colour matching service**



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PanBeam® P8-1 Specifications

Power Handling:

Passive 200 Watt RMS max, 300 W peak
(Requirements: Highpass cut off 100Hz, 24 dB octave)

Configuration: passive Fullrange-System

- 7 x 3,5" cone High Power
- 1 x 1" HF-Driver High Power

Sensitivity: 89 dB [1W/1m]

Nominal Impedance: 8 Ohm

Acoustical Performance:

Operating Range: 120Hz - 18 kHz (+3/-6dB)

Nominal Beamwidth: Horiz.: 140°

SPL-Limit (avg): 110 dB A-weighted [1 W / 1m]

SPL-limit (peak): 113 dB [1 W / 1m]

(Remarks: Full Room Measurement)

Mechanical Performance:

Enclosure: Rear extruded Aluminium
Grill: Powder-coated perforated steel
Colour: Aluminium RAL 9006
Dimensions: 900 x 94 x 92 mm
Weight: 5 kg

Temperature Range: -30° - +70° C ambient

Standard:

IP-54- Classification for outdoor using

Pan Acoustics reserves the right to make changes without prior notification.

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