



High Quality Column Speaker

PanBeam® P4-1

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
- 100 Watt max
- Slim Compact Design
45cm*9,4cm*9,2 cm
- Lightweight: 2,5 kg
- Wide Horizontal Dispersion
140 degrees



Typical applications:

- Churches, Museums
- Conference Facilities
- A/V Presentation Rooms
- Fill or Delay System in larger installations
- Background outdoor installation
- Wall-Mounting-Hardware included
- Mounting options for fixed Installation and portable Use
- Engineered and manufactured in Germany

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

The **PanBeam® P4-1** is ideally suited for smaller environments with unfavourable acoustical circumstance, where improved speech intelligibility is required.

The **PanBeam® P4-1** is equipment with three 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.



High Quality Column Speaker

PanBeam® P4-1 Specifications

Power Handling:

Passive (8 Ohm) 100 Watt max
(Requirements: Highpass cut off 130 Hz, 24 dB octave)

100V-Version 60 Watt max (Limitations for transformer)
(Requirements: Highpass cut off 130 Hz, 24 dB octave)

Configuration: passive Fullrange-System

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

Sensitivity: 89 dB [1W/1m]

Nominal Impedance: 8 Ohm (note: 100 V-Version available)

Acoustical Performance:

Operating Range: 150Hz - 18 kHz (+3/-6dB)

Nominal Beamwidth: Horiz.: 140°

SPL-Limit (avg): 105 dB A-weighted [1 W / 1m]

SPL-limit (peak): 108 dB [1 W / 1m]

(Remarks: Full Room Measurement)

Mechanical Performance:

Enclosure: Rear extruded Aluminium
Grill: Powder-coated perforated steel
Colour: Aluminium RAL 9006
Dimensions: 450 x 94 x 92 mm
Weight: 2,5 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.

Pan Acoustics GmbH – Rebenring 33 – D-38106 Braunschweig – Germany
Phone: +49(0)531 3804 490 Fax: +49(0)531 3804 349

www.pan-beam.de kontakt@pan-beam.de