

DATASHEET

**PAN BEAM PB S-208 - ACTIVE SUBWOOFER**



The **PB S-208** is an active subwoofer incl. DSP and network functionality. The **PB S-208** is the low extension of the Pan Beam family. It is characterized by an unobtrusive design and a genuine and deep bass response. The **PB S-208** can be operated in various cardioid applications.

Operated via a user friendly Windows software, the connection to the computer occurs over an RS 485 network. With the help of digital signal processing, the sound and the delay time can be entered and controlled.

The **PB S-208** is equipped with two 8" HQ-Drivers and a digital amplifier. The total amplifier power is 600 Watts (800 Watt peak) with a power consumption of 20 VA (normal) or 800VA (max).

**ADDITIONAL OPTIONS**

- Pan Power Line Option
- 100V Option
- AES/EBU
- RAL Colour Option  
(Standard colour: structure finish black)

**APPLICATIONS**

Churches, Mosque, Museum, Live Sound, Conference rooms, Auditorium, Shopping centre, A/V Installations

**FEATURES:**

Genuine and deep bass response, integrated protection circuits, unobtrusive design, remote monitoring, two audio inputs (transformer-balanced)

**INTEGRATED DSP CONTROL FOR:**

- 5-band parametric equalizer
- Volume control
- Internal delay up to 370 ms
- Connection to media control possible
- two independent line inputs with automatic priority switching

All **Pan Beam** speakers are designed, developed with high-quality materials and manufactured according to strict criteria by Pan Acoustics in Germany.

**MADE IN GERMANY**

## TECHNICAL DATA PB S-208

### ACOUSTIC SPECIFICATION

<b>Type</b>	Bandpass
<b>Driver:</b>	2 x HQ 8"
<b>Frequency response:</b>	42 Hz - 120 Hz
<b>SPL-Limit (avg):</b>	122 dB*
<b>SPL-Limit (peak):</b>	125 dB*
<b>Dynamic-Range:</b>	>92 dB

\*anechoic halfspace-conditions

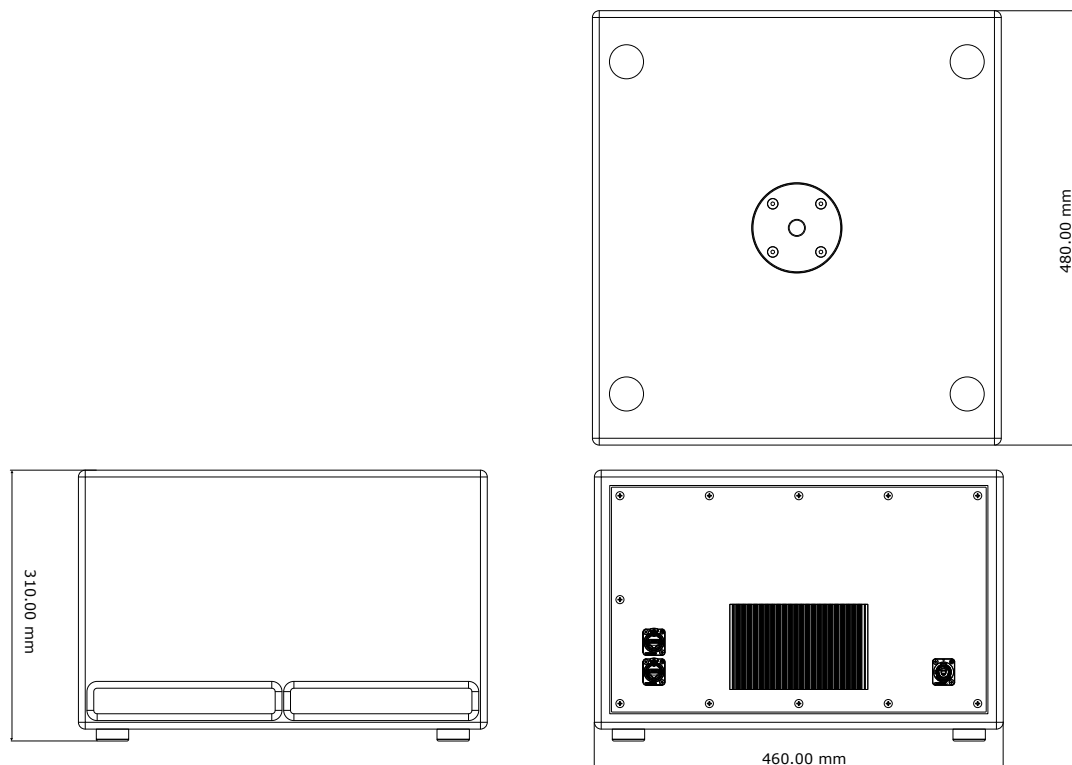
### ELECTRONIC SPECIFICATION

<b>Output Power:</b>	600 Watt (max 800 Watt Peak)
<b>Type:</b>	Digital PWM
<b>Pan Beam-Netzwerk I/O:</b>	2 x RJ 45 (EtherCon)
<b>Audio-Input via Pan Beam-Netzwerk:</b>	2 x Transformer-balanced Line-Level +4dBu, Samplerate 96.000 Hz
<b>AC Input Operating Range:</b>	230 or 110 Volt (+5/-10%), 50 Hz bis 60 Hz
<b>Nominal Power Consumption:</b>	20 VA (normal), 800 VA (max)
<b>Maximum Ambient Temperature:</b>	-10° - +50° C

### GENERAL SPECIFICATION

<b>Enclosure:</b>	15mm multi-laminate birch ply
<b>Colour:</b>	structure finish black
<b>Dimensions (HxDxW):</b>	310 x 460 x 480 mm
<b>Weight:</b>	15 kg (incl. Electronic)

## TECHNICAL DRAWING PB S-208



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Pan Acoustics reserves the right to change product specification without notice.

[www.pan-acoustics.de](http://www.pan-acoustics.de)

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