



# Active DSP-Controlled Bass Speaker

## Pan Beam® PB-S 208 – Features

- Clear and deep bass reproduction
- Integral Signal Processing and Digital Amplification
- Internal Audio-DSP-Control for:
  - 5 band Parametric Equalizer
  - volume control
  - Delay up to 370 ms
- Build-in Electronic Driver Protection
- Slim Compact Design
- Lightweight: 15 kg
- RS-485-Networking
- User-Friendly Windows-Software to control all parameters
- Media-Bus-Control, Electronic Surveillance
- Other products available in the PanBeam®-Family:  
PB 16, PB 16-C, PB 24, PB 32, PB 40, PB 224, PB 248,  
P 8-1, PB-S 208
- Engineered and manufactured in Germany





# Active DSP-Controlled Bass Speaker

## Pan Beam® PB-S 208 Technical Data

<b>Configuration</b>	bass speaker system 2 *8 " cone high quality, high power speaker
<b>Operating Mode</b>	self-powered digitally amplifier
<b>Acoustical Performance</b>	
Operating range:	42 Hz to 120 Hz (controlled via user)
SPL-Limit (peak):	125 dB (half space)
SPL-Limit (avg):	122 dB (half space)
Dynamik range:	> 92 dB
<b>Electronic Performance</b>	
Amplifier output:	typ. 600 W (max 800 W peak)
Amplifier type:	digital PWM
Input:	transformer-balanced
AC mains:	230 or 110 Volt (+5 / -10%)
Power consumption:	20 VA (idle) 800 VA (max)
<b>Mechanical Performance</b>	
Enclosure / colour:	15 mm multiplex structured lacquer in black
Options:	Colour matching service
Dimensions:	48 cm x 46 cm x 31 cm (W x D x H)
Weight:	15 kg

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



# Active Digitally Steerable Column-Speaker

## Pan Beam® PB-S 208 Technical Data

### PanBeam® Product-Family

**PanBeam®** is a family of several intelligent models: PB08, PB16, PB24, PB32, PB224, PB 248 and PB-S 208 / PB-S 408. Every type included amplifiers and maximum DSP-power. More PanBeam®-Products will be released in the near future.

### Typical Applications

churches, museums, railway-stations, conference facilities, lecture halls, shopping malls, A/V presentation rooms, fill or delay system in larger installations

### Available Options

inputs with priority, dual level audio, colour matching service

### User-Friendly PC-Software

#### **PanBeam®-Setup to control all parameters**

The beam parameters, the EQ, gain, delay, to set up a network, build up audience areas and check the status of each electronic device.

