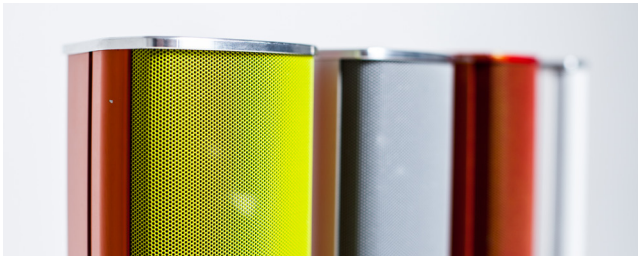
DATA SHEET

PAN SPEAKER P 08-EVAC - PASSIVE COLUMN SPEAKER





The **Pan Speaker P 08-Evac** is a passive speaker mounted in an attractive compact design which is suitable for speech and music applications in Evac application. The loudspeaker is equipped with eight 3.5" HQ drivers content in a closed aluminium housing.

The housing can be delivered in all RAL colours on customer's request. The chassis are protected against external influences by a perforated metal sheet.

There is a cable gland connection at the back of the **P 08-Evac**. At the back and sides of the **P 08-Evac** there are nuts with adjustable slot nuts which enable wall mounts and brackets.

ADDITIONAL OPTIONS

- Colour option

APPLICATIONS

Churches, Mosque, Museum, Hotels, University, Live Sound, Train stations, Airports, Sports grounds, Parliament, Conference rooms, Auditorium, Shopping centre, A/V Installations

FEATURES

High efficiency, 100 V connection, switchable output power 125W / 62W / 32W / 15W, switchable High Pass Filter (HPF), integrated protection circuits, high speech intelligibility even in the most adverse acoustic environments, sleek and unobtrusive design

For the **Pan Speaker series** there is a wide range of mounting accessories for fixed installations and mobile applications.

All **Pan Speakers** are developed, designed and manufactured by Pan Acoustics which uses high quality materials according to the stringent criteria.

MADE IN GERMANY

Dok.-Nr.: 2021_01379

QUALITY
MADE IN GERMANY
SINCE 2002

All products are designed, developed and manufactured by Pan Acoustics in Germany.
Pan Acoustics reserves the right to modify products without prior notice.

www.pan-acoustics.de

Pan Acoustics GmbH | Schweigerstr. 13d | D-38302 Wolfenbüttel | Germany | Tel.: +49 (0) 5331 900 95 70 | E-Mail: contact@pan-acoustics.de

PAN SPEAKER | PAN BEAM | PAN POWERLINE

PAN ACOUSTICS

TECHNICAL DATA PAN SPEAKER P 08-EVAC

ACOUSTIC SPECIFICATION

Type:	Passive column speaker
Drivers:	8 x 3.5"
Rated Power:	125 W / 62 W / 32 W / 15 W (switchable)
Recommended amplifier:	Lab.gruppen
SPL max 100V:	98.8 dB_{SPL} @4m
Sensitivity (1W/4m):	79 dB_{SPL}
Frequency range:	140 Hz - 15 kHz (-10 dB, +6 dB, HPF off)
Horizontal coverage:	@ 500 Hz : 360° @ 1000 Hz : 220° @ 2000 Hz : 150° @ 4000 Hz : 100°
Vertical coverage:	@ 500 Hz : 90° @ 1000 Hz : 40° @ 2000 Hz : 25° @ 4000 Hz : 10°
Steering angle:	Vertical -4°
Typical throw:	20 m

ELECTRICAL SPECIFICATION

Rated impedance:	@ 100 % : 80Ω @ 50 % : 158Ω @ 25 % : 322Ω @ 12.5 % : 666Ω
Rated noise power:	125 W_{rms}
Rated noise voltage:	100 V_{rms}
Control switches:	Maximum input power (100 % / 50 % / 25 % / 12.5 %) Switchable high pass filter
Fuses:	Glass fuse (1.6 A slow type, replaceable) Thermal fuse (Open temperature 104° C, 16 A, 250 V_{AC}, One-shot operation, replaceable)
Connections:	Terminal ceramic block (100 V / 0 V) Rated cross-section : (0.8 ... 2.5) mm^2 Cable gland - maximum diameter : Ø (4,5 ... 10) mm

GENERAL SPECIFICATION

Pilot tone detection:	Indicator : green LED on front Frequency range : 20 kHz ... 23 kHz Minimum level : 6 V_{rms}
Enclosure:	Aluminium-Profile
Grille:	Powder coated perforated steel
Colour:	Aluminium RAL 9006
Temperature range:	-25 °C ... +70 °C environment
Dimensions (HxWxD):	906.0 x 107 x 118 mm
Weight:	4.85 kg
Mounting accessory:	Different mounting options available

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