DATA SHEET

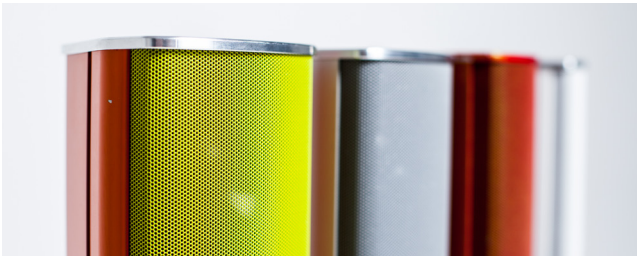
PAN SPEAKER P 04-EVAC - PASSIVE COLUMN SPEAKER



The **Pan Speaker P 04-Evac** is a passive speaker mounted in an attractive compact design which is suitable for speech and music applications in Evac applications. The loudspeaker is equipped with four 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 04-Evac**. At the back and sides of the **P 04-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 75 W / 37,5 W / 18,8 W / 9,8 W, 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

Doc.-Nr.: 2021_01377

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 04-EVAC

ACOUSTIC SPECIFICATION

Type:	Passive column speaker
Drivers:	4 x 3.5"
Rated Power:	75,0 W / 37,5 W / 18,8 W / 9,8 W (switchable)
Recommended amplifier:	Lab.gruppen
Maximum SPL 100 V:	95 dB_{SPL} @4m
Sensitivity (1W/4m):	77 dB_{SPL}
Frequency range:	190 Hz - 15 kHz (-10 dB, +6 dB, HPF off)
Horizontal coverage:	@ 500 Hz : 360.0° @ 1000 Hz : 220.0° @ 2000 Hz : 150.0° @ 4000 Hz : 100.0°
Vertical coverage:	@ 500 Hz : 160.0° @ 1000 Hz : 70.0° @ 2000 Hz : 30.0° @ 4000 Hz : 15.0°
Steering angle:	vertical -4°
Typical throw:	15 m

ELECTRICAL SPECIFICATION

Rated impedance:	@ 100 % : 133 Ω @ 50 % : 266 Ω @ 25 % : 532 Ω @ 12,5 % : 1013 Ω
Rated noise power:	75 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 (1,0 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):	506 x 107 x 118 mm
Weight:	3.1 kg
Mounting accessory:	Different mounting options available

Doc.-Nr.: 2021_01377

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