



DATASHEET

PAN SPEAKER P 6.5-CM | 100 V - PASSIVE IN-CEILING LOUDSPEAKER



Illustration with accessory

EQUIPMENT / OPTIONS



See last page for explanation of the symbols.

APPLICATIONS

Churches, museums, train stations, airports, sports facilities, legislative buildings, conference rooms, lecture halls, shopping centres, A/V presentation rooms

The **Pan Speaker P 6.5-CM | 100 V** is a passive in-ceiling loudspeaker in corrosion-proof metal design for speech and music applications. The **Pan Speaker P 6.5-CM | 100 V** is characterised by precise and natural reproduction.

The loudspeaker is equipped with a moisture-impregnated, UV-resistant 2-way coaxial loudspeaker, 1 x 6.5" HQ woofer driver and 1 x 1" HQ tweeter unit. The **Pan Speaker P 6.5-CM | 100 V** has different power taps (100 V: 100% | 50% | 25%), which can be tapped via a terminal block.

The loudspeaker can be mounted via clamping springs in a corresponding cut-out without tools. The grille can also be attached quickly and easily without tools.

A matching fire backcan is available as optional accessory for the loudspeaker.

FEATURES

High efficiency, high reproduction quality even in acoustically challenging environments, sleek and unobtrusive design.

MOUNTING ACCESSORIES

For the **Pan Speaker** series, there is a wide range of mounting accessories for fixed installation and mobile use.

All **Pan Speaker** loudspeakers are designed, developed and manufactured in Germany by Pan Acoustics from high quality materials and according to strict criteria.

TECHNICAL DATA PAN SPEAKER P 6.5-CM | 100 V

ACOUSTIC PROPERTIES

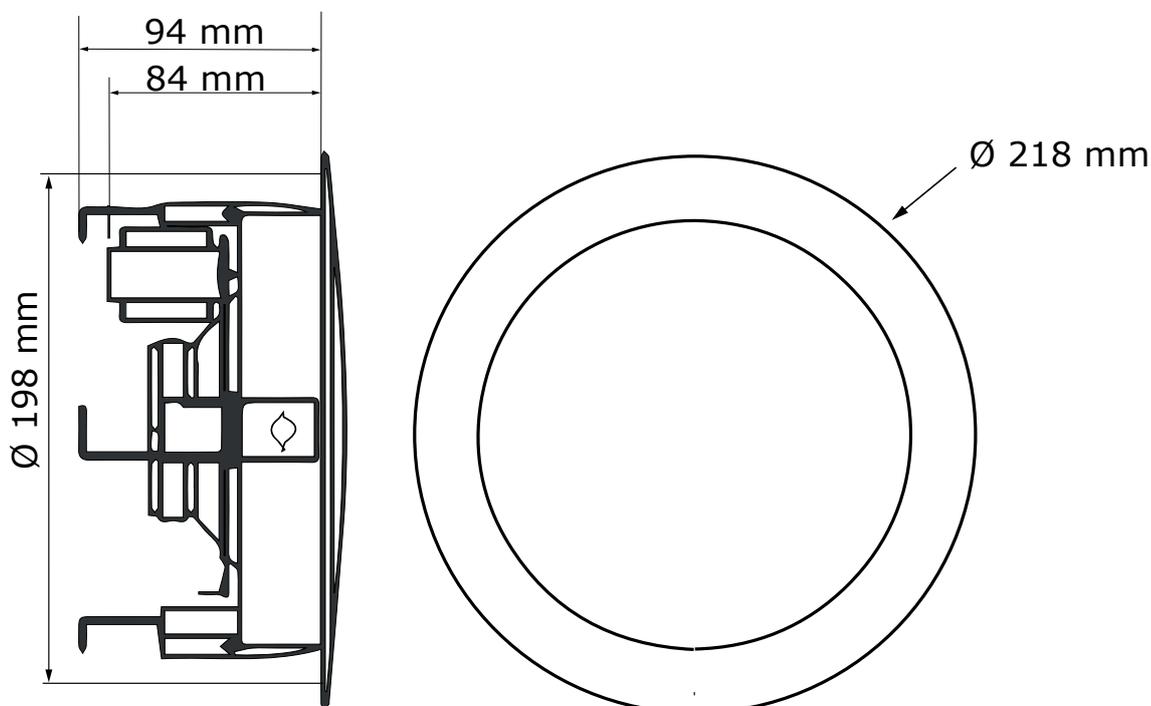
Configuration:	Passive in-ceiling loudspeaker
Frequency range:	55 Hz - 21 kHz
Equipment:	1 x 6.5" HQ / 1 x 1" HQ
Rated power:	20 W / 10 W / 5 W
Recommended amplifier:	DSP power amplifier
Sensitivity:	93 dB 1 W / 1 m
Maximum SPL:	105 dB* (peak) @ 1 m
Horizontal radiation pattern:	60° @ 4 kHz
Vertical radiation pattern:	60° @ 4 kHz
Connections:	4-pin terminal block
Operating temperature:	-40 °C to +70 °C ambient temperature

MECHANICAL PROPERTIES

Enclosure:	Corrosion-proof metal design
Grille:	Powder-coated perforated metal sheet
Standard colours	RAL 9010 (white), silk matt
Dimensions (Ø outside x Ø inside x H):	218 x 198 x 94 [mm]
Weight:	1.48 kg

*Under anechoic half-space conditions with DSP settings.
Frequency range: -10 dB under anechoic halfspace-conditions.

TECHNICAL DRAWING P 6.5-CM | 100 V



EQUIPMENT / OPTIONS AT A GLANCE – PAN SPEAKER SERIES



Customised painting/colouring within the RAL colour range. Other colour ranges such as RAL design, Pantone, etc. available on request.



100 V audio inputs with selectable power taps.



Weatherproofing of the loudspeakers in accordance with protection classes IP54 or IP65 (depending on the model) is possible.



Looks good, sounds good.
Pan Acoustics' products are defined by natural sound and attractive design.



Made-to-measure enclosure of the loudspeaker is possible. The enclosure dimensions of the Pan Speaker series can be customised.



Accessories such as wall, tripod and ceiling mounts, different interfaces, connection cables, weather protection hoods and connection sets are available.



Ball impact resistance

Some equipment features cannot be combined. For information about which features can be combined with each other, please send an e-mail to sales@pan-acoustics.de.

Our quality promise

Pan Acoustics stands by its products and gives up to **10 years warranty** on its loudspeakers for any material or manufacturing defects. New products manufactured in accordance with protection classes IP54 and IP65 as well as digital audio interfaces (Dante®) from Audinate Pty Ltd and rechargeable batteries are excluded from the 10-year warranty. A warranty period of 3 years is granted for loudspeakers in accordance with protection classes IP54 and IP65.

