

DATASHEET

PAN SPEAKER P 02-RJ - PASSIVE LOUDSPEAKER (D'APPOLITO)



Illustration without bracket



Illustration with bracket

Illustration in colour option, see mechanical properties

EQUIPMENT / OPTIONS



See last page for explanation of the symbols.

APPLICATIONS

Churches, museums, train stations, airports, legislative buildings, conference rooms, lecture halls, surround, A/V presentation rooms, immersive sound

The **Pan Speaker P 02-RJ** is a passive 2-way loudspeaker (D'APPOLITO) in an attractive compact design for speech and music applications. It is characterised by precise and natural reproduction. Thanks to its integrated RJ45 socket, this loudspeaker can be very easily used in buildings with structured cabling.

The loudspeaker contains two 3.5" HQ drivers and a **0.5" tweeter unit**. The enclosure is made of aluminium and can be custom-finished in any colour. The chassis are protected from external impact by a perforated metal sheet that is integrated into the design.

At the back of the **P 02-RJ** there is an RJ45 socket with special wiring for the low-impedance audio signal connection. The optional mounting accessories (wall, ceiling and tripod mounts) can be installed by inserting a slot nut in the lateral slots and the rear slot. The **P 02-RJ** can be optionally ordered with or without U-bracket.

The **P 02-RJ** can be operated individually or in combination with the P SW-108 | RJ from the Pan Subwoofer series.

FEATURES

High efficiency, integrated protection circuit, high reproduction quality even in acoustically challenging environments, sleek, 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 according to strict criteria and with high-quality materials.



TECHNICAL DATA PAN SPEAKER P 02-RJ

ACOUSTIC PROPERTIES

| | |
|--------------------------------------|---|
| Configuration: | 2-way system (D'Appolito) |
| Frequency range: | 130 Hz - 20 kHz |
| Equipment: | 2 x 3.5" / 0.5" voice coil |
| Rated power: | 150 W (peak _{20 ms}) / 100 W (programme) / 60 W (nominal) |
| Recommended amplifier: | DSP power amplifier |
| Sensitivity: | 89 dB 1 W/1 m |
| Maximum SPL: | 115 dB* (peak) @ 1 m |
| Impedance: | 8 ohms |
| Horizontal radiation pattern: | 100° (< 10 kHz) |
| Vertical radiation pattern: | 60° |
| Connections: | 1 x RJ45** |
| Operating temperature: | -10 °C to +50 °C (ambient temperature) |

MECHANICAL PROPERTIES

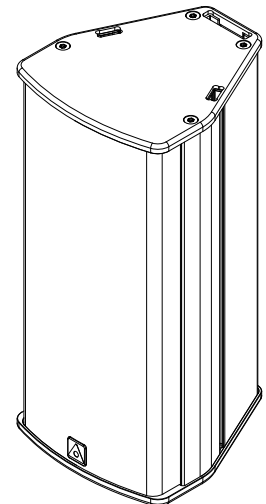
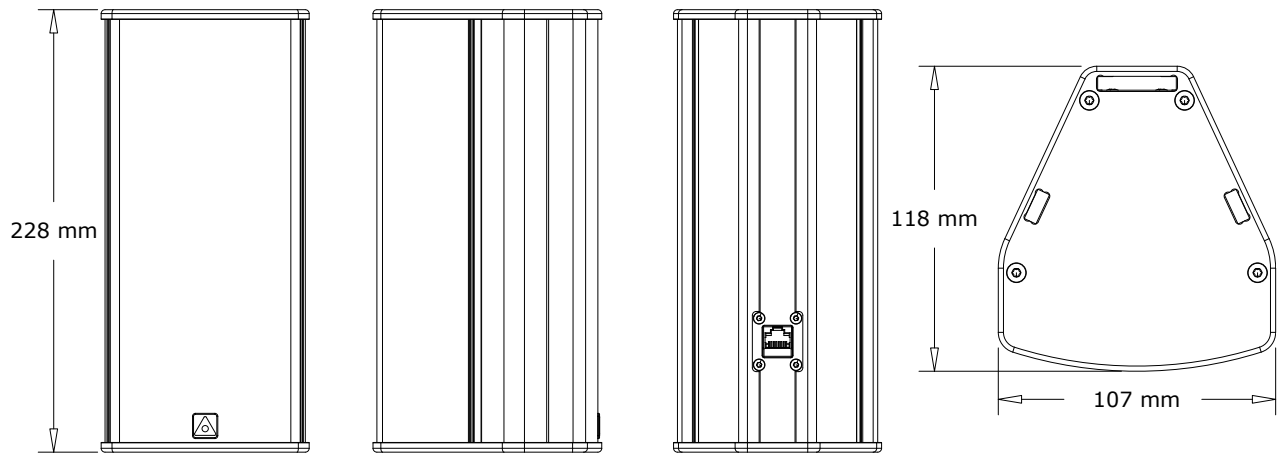
| | |
|---|--|
| Enclosure: | Aluminium profile |
| Grille: | Powder-coated perforated metal sheet |
| Standard colours (with silver lids): (optional: lid in enclosure colour) | RAL 9006 (aluminium), anodized RAL 9010 (white), silk matt RAL 9005 (black), silk matt |
| Dimensions without bracket (H x W x D): Dimensions with bracket (H x W x D): | 228 x 107 x 118 [mm] 244 x 107 x 137 / 152 [mm] |
| Weight: | 1.5 kg |
| Mounting option: | Available with or without U-bracket. Other mounting accessories available. |

*Under anechoic half-space conditions with DSP settings.

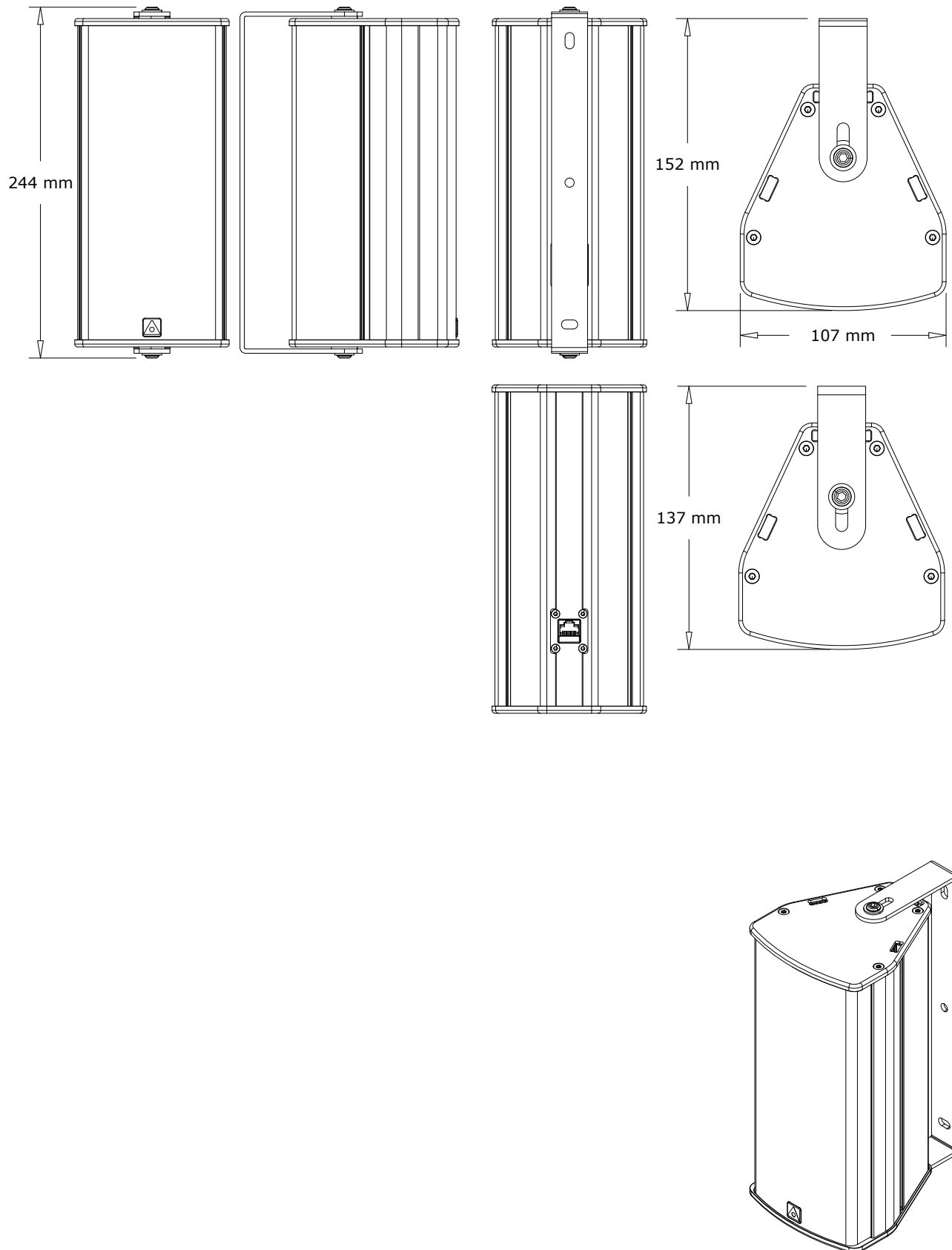
Frequency range: -10 dB under anechoic half-space conditions.

**Large cable lengths and small wire cross-sections can greatly reduce the max. power.

TECHNICAL DRAWING P 02-RJ



TECHNICAL DRAWING P 02-RJ (mB)



EQUIPMENT / OPTIONS AT GLANCE – PAN SPEAKER SERIES



Customised painting/colouring within the RAL colour range. Other colour systems such as RAL design, Pantone, etc. are 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
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.

