The 4S loudspeaker

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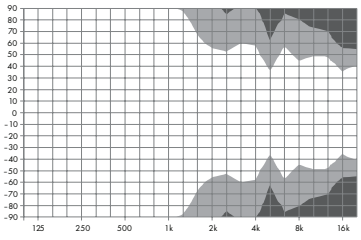
The 4S is a lightweight 2-way passive loudspeaker using a neodymium LF driver and a coaxially mounted wide dispersion dome tweeter. The coaxial designed 4S employs a 4" driver in a highly compact sealed enclosure and offers a symmetrical dispersion pattern in the horizontal and vertical plane while the cabinet may be mounted in either attitude.
It can be used stand-alone or supplemented by different subwoofers from the xS-Series.
The enclosure is injection moulded with an impact resistant black paint finish. The front of the loudspeaker cabinet is protected by a rigid metal grill backed by an acoustically transparent foam and incorporated into the rear panel are two M8 threaded inserts.

System data

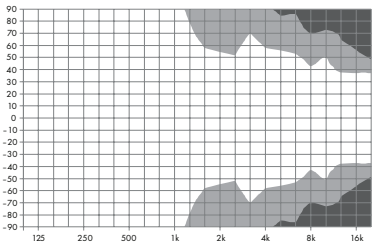
Frequency response (–5 dB standard)..... 130 Hz - 20 kHz
Frequency response (–5 dB CUT mode)..... 180 Hz - 20 kHz
Max. sound pressure (1 m, free field)[1] .....
with D6.....114 dB
with D12 .....115 dB
Input level (100 dB SPL/1 m)..... –4 dBu

Loudspeaker data

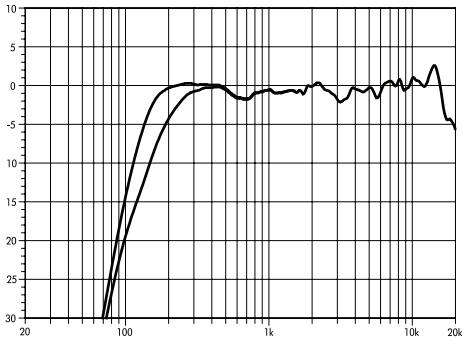
Nominal impedance..... 16 ohms
Power handling capacity (RMS/peak 10 ms)..... 60 W/400 W
Nominal dispersion angle.....100° conical
Components.....4" driver with neodymium magnet
.....0.75" dome tweeter coaxially mounted
..... Passive crossover network
Connections .....2 x NL4
..... screw terminal block
Pin assignments.....NL4: 1+/1–
Weight.....1 kg (2 lb)



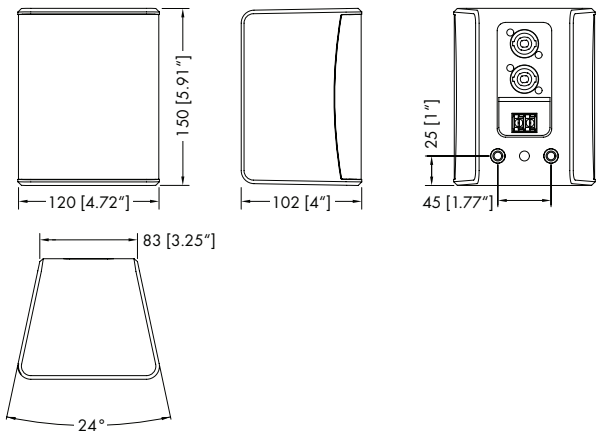
4S horizontal dispersion characteristics[2]



4S vertical dispersion characteristics[2]



4S frequency response, standard and CUT modes



4S cabinet dimensions in mm (inch)4

1 Broadband measurement, pink noise, crest factor 4, peak measurement, linear weighting
2 Dispersion angle vs frequency plotted using lines of equal sound pressure (isobars) at –6 dB and –12 dB