The 5S loudspeaker

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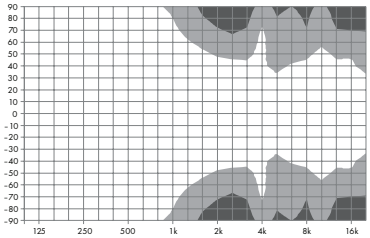
The 5S is a lightweight 2-way passive loudspeaker using a neodymium LF driver and a coaxially mounted wide dispersion dome tweeter. The coaxial designed 5S employs a 5" driver in a compact bass-reflex enclosure and offers a symmetrical dispersion pattern in the horizontal and vertical plane while the cabinet may be mounted in either attitude.
It can be used stand-alone or supplemented by different subwoofers of the xS-Series.
The enclosure is injection moulded with 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

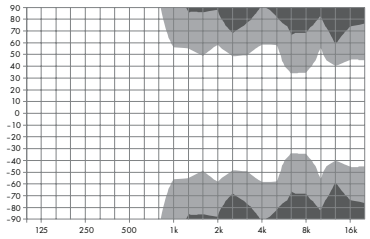
Frequency response (–5 dB standard)..... 80 Hz - 20 kHz
Frequency response (–5 dB CUT mode)..... 130 Hz - 20 kHz
Max. sound pressure (1 m, free field)[1].....
with D6 ..... 117 dB
with D12..... 118 dB
Input level (100 dB SPL/1 m) ..... –6 dBu

Loudspeaker data

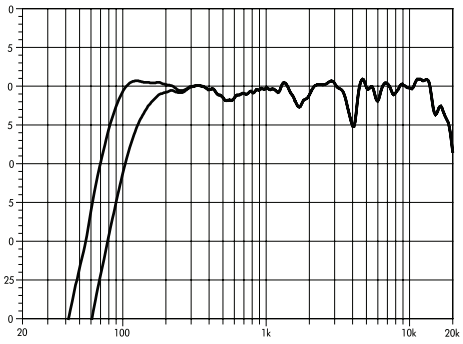
Nominal impedance..... 16 ohms
Power handling capacity (RMS/peak 10 ms)..... 60 W/400 W
Nominal dispersion angle..... 100° conical
Components.....5" driver with neodymium magnet
..... 1" dome tweeter coaxially mounted
..... Passive crossover network
Connections ..... 2 x NL4
..... screw terminal block
Pin assignments.....NL4: 1+/1–
Weight..... 2 kg (4.5 lb)



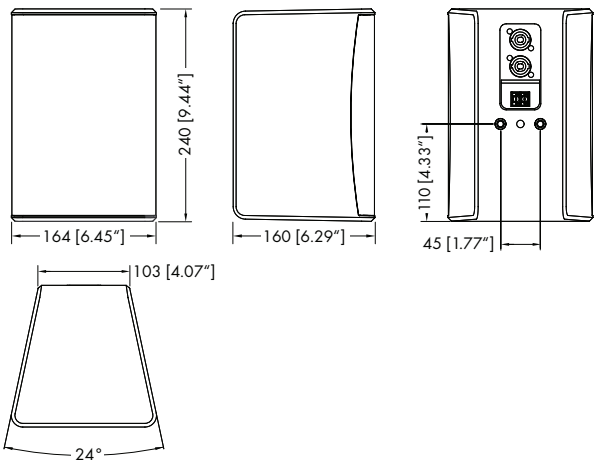
5S horizontal dispersion characteristics



5S vertical dispersion characteristics



5S frequency response, standard and CUT modes



5S cabinet dimensions in mm (inch)

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