



The QSC AcousticDesign AD-S52 is a full range, surface mount loudspeaker with sleek, contemporary styling that fits perfectly into multiple environments and applications including hotels, restaurants, convention facilities, and multimedia environments. The loudspeaker's low frequency driver is magnetically shielded, making the AD-S52 perfect for use near video monitors. Available in black or white, these great sounding, weather resistant enclosures can be painted to match any specific decor.

The AD-S52 is a high output, 2-way design incorporating a 5.25" weatherproof, LF transducer and a 1" neodymium tweeter. This exceptional loudspeaker carries the added benefit of built-in dynamic power protection—thus ensuring system reliability in the event of overload conditions.

The AD-S52T models are equipped with a 70V/100V matching transformer for distributed audio systems. There is a transformer tap switch on the rear panel for setting the power level of the loudspeaker. This switch may also be set for 8-ohm operation, bypassing the transformer completely—providing greater system flexibility compared to most competing products.

The AD-S52 system package includes a ball mount assembly for convenient installation of the enclosure in a wide variety of orientations. If desired, the ball mount adapter's back plate can be removed, reducing the overall depth of the assembly and the footprint of the mount on the wall. Further, the assembly includes a weather resistant input connection cover to protect the 5-way binding post input terminals.

Key Features

- **5.25-Inch, 2-Way Design**—in a lightweight, contemporary styled multipurpose enclosure
- **Magnetically Shielded LF Transducer**—ideal for use near video monitors
- **Flexible Ball Mount Assembly Included**—for convenient installation
- **70V/100V Transformer Versions Available**—for use with distributed audio systems
- **Available Optional Yoke Mount Bracket**

AD-S52



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Specifications	AD-S52	AD-S52T
Configuration	Compact two way, ported enclosure	Compact two way, ported enclosure
Transducers Low Frequency Transducer High Frequency Transducer	5.25" shielded 1" neodymium tweeter	5.25" shielded 1" neodymium tweeter
Frequency Range [1] Frequency Response Useable Frequency Range	75 Hz - 19 kHz (-6 dB) 60 Hz - 20 kHz (-10 dB)	75 Hz - 19 kHz (-6 dB) 60 Hz - 20 kHz (-10 dB)
Maximum Output [2] Calculated Peak Output Calculated Cont. RMS Output	110 dB SPL 104 dB SPL	107 dB SPL 101 dB SPL
Impedance	8 ohm nominal	Switchable 8 ohm nominal
Power Rating RMS Power Handling [3] Recommended Max Amp Power	60 W (IEC, 100 hours) 120 W RMS	60 W (IEC, 100 hours) 120 W RMS
Sensitivity	86.5 dB, 2.83 V, 1 m, free field (4pi)	86.5 dB, 2.83 V, 1 m, free field (4pi)
Nominal Coverage	90°H x 90°V	90°H x 90°V
Transformers		
Type	n/a	Custom low distortion laminated core, wide bandwidth design
Taps	n/a	70V 30, 15, 7.5, 3.75 Watts 100V 30, 15, 7.5 Watts
Enclosure		
Material	Injection molded, weather resistant, high impact polystyrene	Injection molded, weather resistant, high impact polystyrene
Finish	White or black (paintable)	White or black (paintable)
Weather Resistance	Yes	Yes
Grill	Heavy duty powder coated steel	Heavy duty powder coated steel
Connectors	Pair of 5-way binding posts	Pair of 5-way binding posts
Mounting Hardware	Included ball mount assembly; available optional yoke mount	Included ball mount assembly; available optional yoke mount
Weight	15 lb. (6.8 kg) net 22 lb. (10 kg) shipping	18 lb (8.2 kg) net 25 lb (11.4 kg) shipping

[1] All frequency ranges specified refer to measured free field response (full space, 4pi)

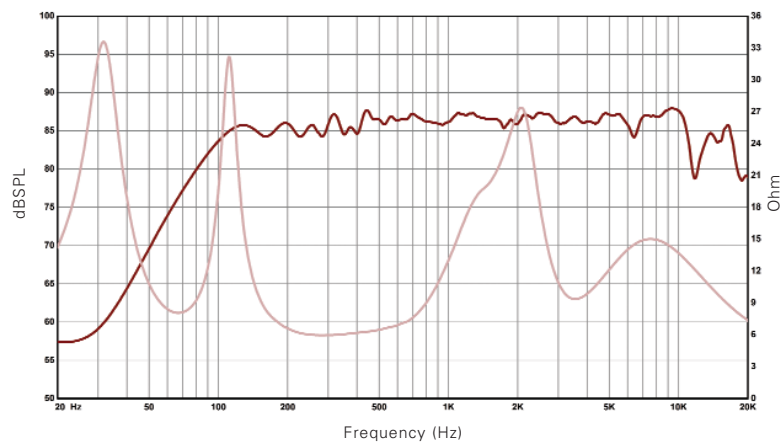
[2] Calculated SPL at 1m, full space (4pi, speaker operating at rated RMS power with 6 dB crest factor pink noise input, 50 Hz - 20 kHz)

[3] Maximum input power tested in accordance with IEC 268-5 recommendations, 80 Hz - 20 kHz band limiting, 6 dB signal crest factor
Specifications subject to change without notice.

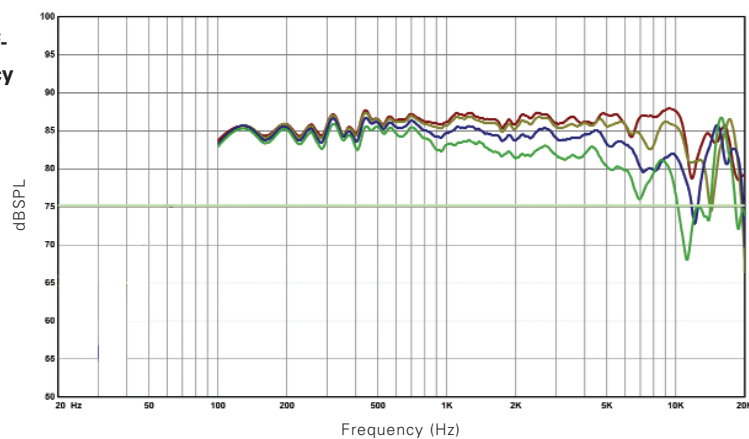
AD-S52

Frequency Response and Impedance / Enclosure Dimensions

Frequency Response and Impedance*



Horizontal Off-Axis Frequency Response** (0°, 15°, 30°, 45°)

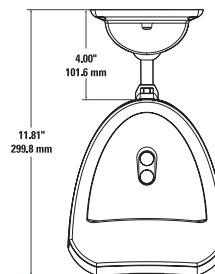


*Graph shows free field SPL @ 1 Watt, 1m

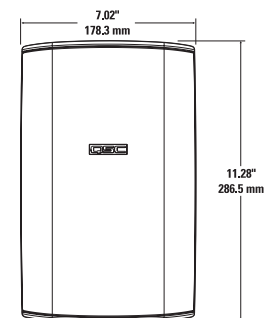
**1/3rd octave smoothing applied to off-axis curves for clarity.

Physical Dimensions

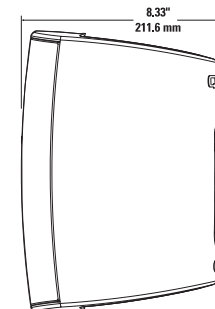
Top



Front



Side



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