

Features

- **Contemporary style, weather resistant enclosure and components**—ideal for a wide range of applications
- **Dual 8", 2-way system**—in a lightweight, multipurpose enclosure featuring a heavy duty, powder coated aluminum grill
- **Versatile mounting options**—the included yoke mount bracket can be used for mounting and aiming the system in vertical or horizontal orientations. Provision for optional Omni-mount™ bracket is built in
- **Advanced Directivity™ rotatable waveguide**—(90° x 60°) enables the loudspeaker to deliver accurately focused sound, regardless of the enclosure's mounted orientation
- **Low impedance and transformer versions**—Standard 8 ohm system is selectable for passive or active operation while the AD-S282HT transformer version provides taps for both 70 and 100 volt distributed system use



The QSC AcousticDesign™ AD-S282H is a full range, surface mount loudspeaker with a sleek, contemporary styling that fits perfectly into multiple surroundings and applications including hotels, restaurants, convention facilities, and multimedia environments. The speaker incorporates the Advanced Directivity™ rotatable waveguide. Available in black or white, these weather resistant enclosures can be painted to match any specific décor.

The AD-S282H is a 2-way system housed in a ported enclosure made from injection molded, high-impact polystyrene. This enclosure incorporates two 8" weather resistant, LF transducers with heavy-duty double roll cloth surrounds. These high output versions employ a 1" exit compression HF driver. The HF driver is coupled with QSC's unique Advanced Directivity rotatable waveguide—enabling the loudspeaker to deliver accurately focused sound, regardless of its mounted orientation.

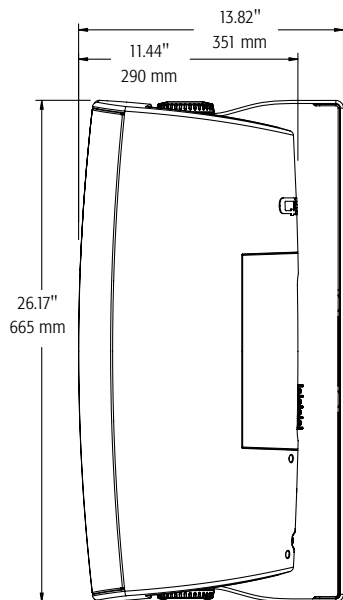
Specifications

AD-S282H and AD-S282HT

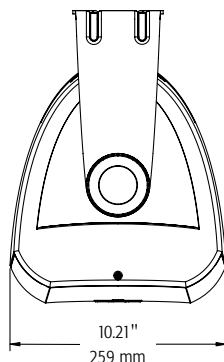
Configuration	Compact 2-way, ported enclosure
Transducers	
Low-frequency Transducers	Dual 8" high power, treated paper cone, 2" voice coil, neodymium magnet
High-frequency Transducer	1" high output compression driver
Frequency Range ¹	
Frequency Response (-6 dB)	80 Hz - 27.7 kHz
Useable Frequency Range (-10 dB)	60 Hz - 29.5 kHz
Maximum Output ²	
Calculated Peak Output	125 dB SPL
Calculated Continuous Output	119 dB SPL
Nominal Impedance	8Ω nominal (5.25Ω minimum, 17.6 kHz, 64.22Ω maximum, 2.56 kHz)
Power Rating	
RMS Power Handling ³	450 W (8 hours IEC)
Recommended Max Amp Power	900 W RMS
Sensitivity	93 dB, 1 m, free field
Nominal Coverage (HV)	90° x 60° (-6 dB) rotatable to 60° x 90°
Bass Loading	Ported, tuned to 60 Hz
Transformers	
Type	Custom low distortion laminated core, wide bandwidth design
Taps	70 V: 200, 100, 50, 25 W 100 V: 200, 100, 50 W
Bypass	8Ω bypass on AD-S282HT
Enclosure	
Material	Injection molded, weather resistant, high impact polystyrene
Finish	White or black (paintable)
Weather Resistant	Yes
Grille	Heavy duty powder coated aluminum
Connectors	Barrier strip (switchable: passive/active on AD-S282H)
Mounting Hardware	Yoke mount included
Weight - Net / Shipping	27.7 lb (12.6 kg) / 35.6 lb (16.1 kg)

AD-S282H

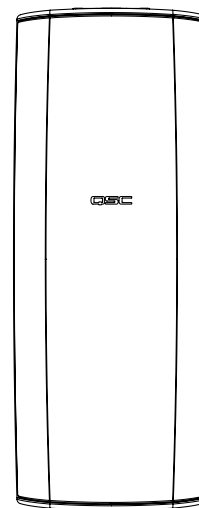
Dimensions | Frequency Response and Impedance



Side

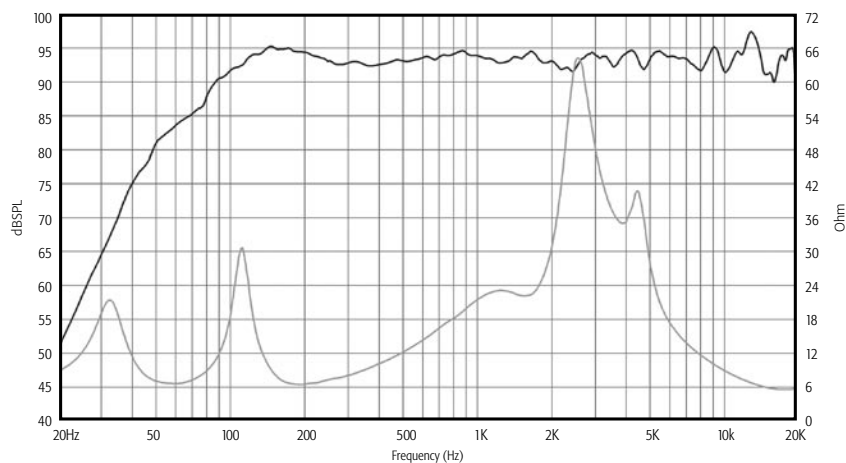


Top



Front

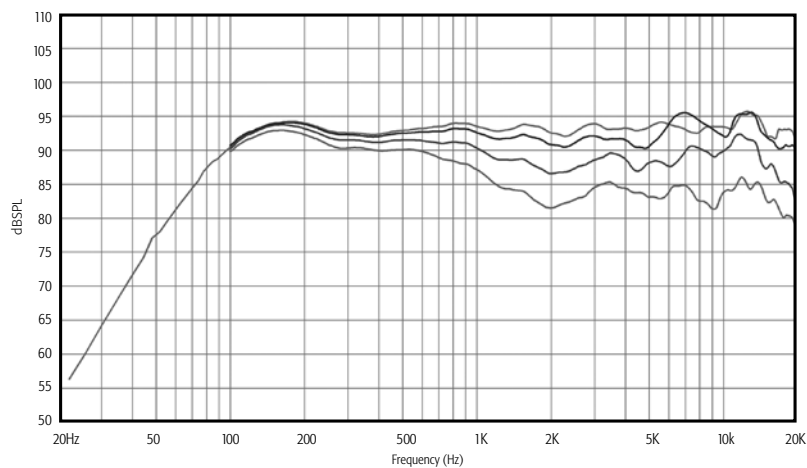
Frequency Response and Impedance*



Horizontal Off-Axis Frequency Response** (0°, 20°, 40°, 60°)

*Graph shows free field SPL at 1 W, 1 m

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



Specifications subject to change without notice.