

Features

- **Dual 8", 2-way system** – in a lightweight, weather-resistant, multipurpose enclosure featuring a heavy duty, powder coated aluminum grille
- **Advanced Directivity™ rotatable waveguide** – (90° x 60°) enables the loudspeaker to deliver accurately focused sound, regardless of the enclosure's mounted orientation
- **High power capability** – rated at 450 watts (IEC)
- **Switchable biamp or passive operation** – with parallel outputs
- **Contemporary style, weather resistant enclosure and components** – ideal for a wide range of applications
- **Two parallel Speakon® connectors** – for quick, secure audio input setup
- **Pole cup, yoke mount, and monitor feet** – included for versatile mounting options



The QSC I-282H is a dual 8", 2-way, full range loudspeaker with contemporary styling that easily integrates into multiple environments. Pole mounted, truss mounted, or used as a floor monitor/stage fill, these injection molded speakers are an excellent choice for musicians, mobile entertainers, and anyone else needing a high-quality, lightweight SR package that sounds superb, is visually unobtrusive, and with its built-in handles, is easy to transport.

The I-282H enclosure incorporates two 8" weather resistant, LF transducers with heavy-duty double roll cloth surrounds and a 1" exit HF compression 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 orientation. For quick and secure input setup, the I-282H provides two parallel Speakon connectors.

An ideal solution for a variety of mobile SR applications, the I-282H includes a pole cup for pole mounting with either 1 1/2" or 1 3/8" diameters. Or by using the included yoke mount with swivel extension feet, the I282-H can be vertically or horizontally mounted for pan and tilt focusing or used as a floor monitor. For truss mounting, the yoke accepts most industry standard truss clamps.

Specifications

Configuration	Compact 2-way, ported enclosure		
Transducers	Dual 8" high power, treated paper cone, 2" voice coil, neodymium magnet		
Low-frequency Transducers	1" exit high output compression driver, 1.7" diameter voice coil		
High-frequency Transducer			
Frequency Range ¹			
Frequency Response (-6 dB)	80 Hz – 27.7 kHz		
Usable Frequency Range (-10 dB)	60 Hz – 29.5 kHz		
Maximum Output (SPL at 1 m) ²	Fullrange (passive mode)	LF (biamp mode)	HF (biamp mode)
Continuous	120	124	121
Peak	126	130	127
Nominal Impedance	Passive 8Ω	LF 8Ω	HF 8Ω
Power Rating ³	Passive 450 W (IEC, 8 hours)	LF 500 W (IEC 8 hours, 50 Hz – 2 kHz)	HF 45 W (IEC 8 hours, 2 kHz – 20 kHz)
Recommended Max Amp Power	Passive 900 W RMS		
Sensitivity (SPL, 1 W at 1 m) ⁴	Passive 93 dB (100 Hz – 10 kHz)	LF 97 dB (200 Hz – 2 kHz)	HF 104 dB (2 kHz – 10 kHz)
Nominal Coverage	90°H x 60°V (-6 dB) rotatable to 60°H x 90°V		
Bass Loading	Ported, tuned to 60 Hz		
Enclosure			
Material	Injection molded, weather resistant, high impact polystyrene		
Finish	Black		
Weather Resistance	Yes		
Grille	Heavy duty powder coated aluminum		
Connectors	Two Speakon® NL4FC connectors wired in parallel, passive/active switchable		
Mounting Hardware	Included: Pole cup and Yoke mount		
Weight – Net / Shipping	28.5 lb (12.9 kg) / 36.8 lb (16.7 kg)		

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

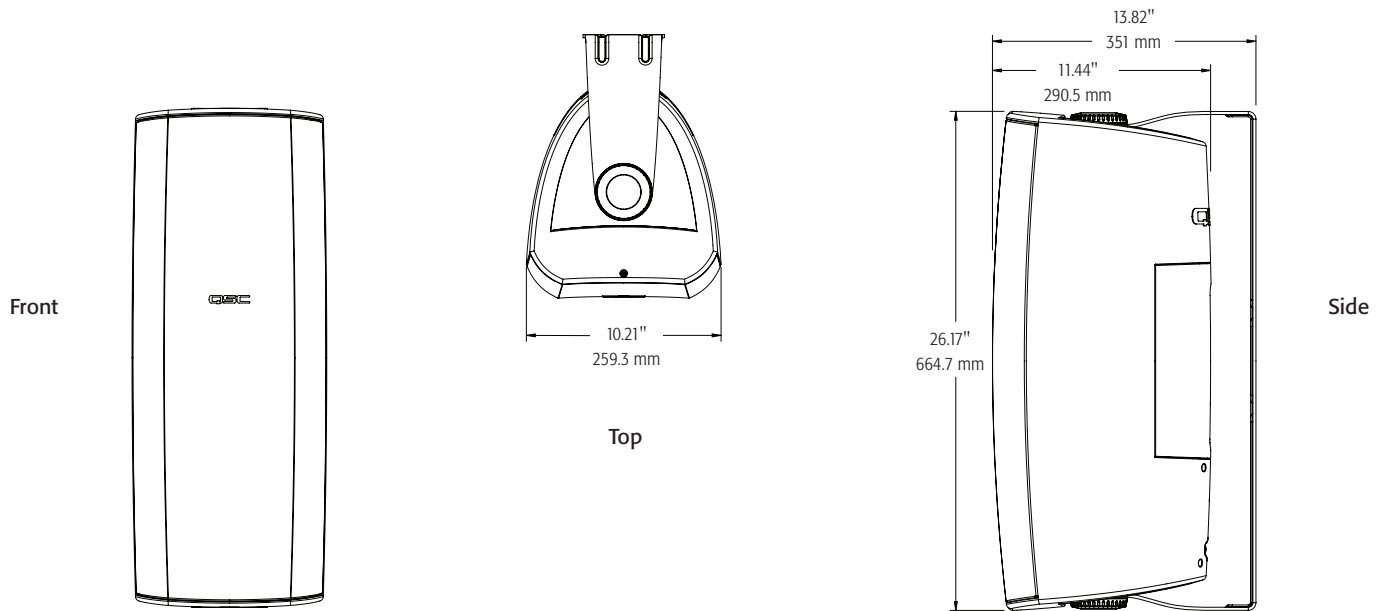
2) Calculated SPL at 1 m, full space (4π), speaker operating at rated RMS power with pink noise within specified frequency range

3) Maximum input power tested in accordance with IEC 268-5 recommendations, 50 Hz – 20 kHz band limiting, 6 dB signal crest factor, 8 hours

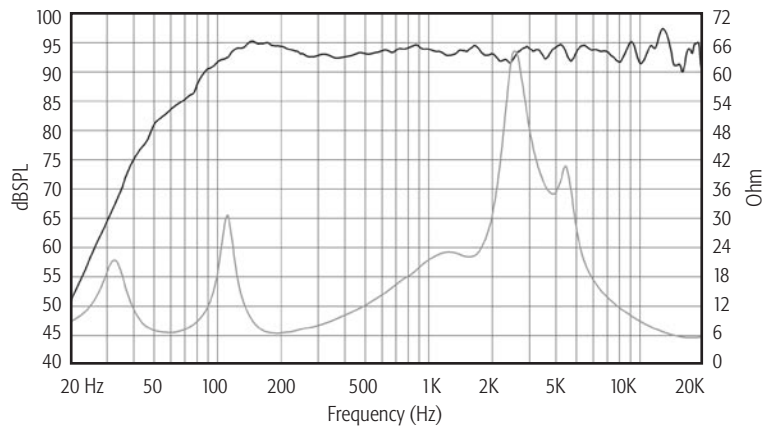
4) Based on nominal impedance, measured in full-space

I-282H

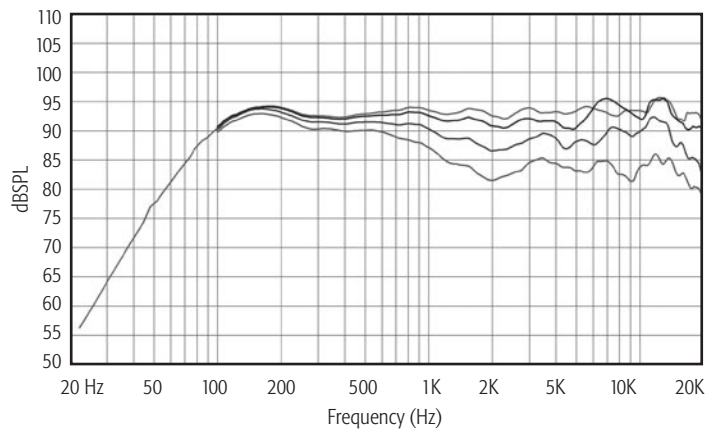
Dimensions | Frequency Response and Impedance



Frequency Response and Impedance*
(I-282H)



Frequency Response and Impedance**
(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.

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