

Features

- 3" polypropylene cone woofer
- 0.75" titanium dome tweeter
- 30 watts continuous power handling, 120 watts peak
- 70/100 V multitap transformer with 8 ohm bypass
- Includes ball mount assembly and yoke mount
- Available in black or white



The AcousticDesign Series of installation loudspeaker products from QSC Audio expands with the new AD-S32T surface mount loudspeaker system. Designed for background and general purpose audio playback, the new AD-S32T is attractive, compact and acoustically matched to the entire AD Series. Rated for 30 watts continuous power handling and able to handle 120 watt peaks, the AD-S32T is a fully featured loudspeaker system in a very small package.

The 3" woofer is equipped with a polypropylene cone for protection in humid environments. The driver features a synthetic rubber surround and is optimized to deliver useable low-frequency extension below 70 Hz. An additional humbucking magnet provides AV shielding. The high-frequency device is a 0.75" dome tweeter with a titanium diaphragm and a cloth surround. The dispersion of the high frequency is 100° by 100°. The AD-S32T measures 85 dB SPL sensitivity.

The enclosure is molded from high-impact polystyrene and is available in black or white. The aluminum grille is backed with acoustically transparent foam that provides protection from the elements. Signal input connections are made with plated screw terminals and a sealing weather cover is provided for outdoor applications.

The AD-S32T is unmatched in its installation versatility. An included ball mount assembly can be attached to a variety of surfaces or structures. In addition to attaching to the rear of the cabinet, the ball mount can be attached to the top of the cabinet for mounting to an overhead structure or to the bottom of the cabinet to provide a shelf stand. Also included in the system is an aluminum yoke mount. This mount further enhances the AD-S32T mounting options for either vertical or horizontal installation. The AD-S32T is equipped with a 70/100 V transformer with multiple taps and an 8 ohm bypass.

Specifications

| | |
|----------------------------------|---|
| Configuration | Compact 2-way, ported enclosure |
| Transducers | |
| Low-frequency | 3" (7.6 cm) weather resistant, polypropylene cone woofer |
| High-frequency | 0.75" titanium dome tweeter |
| Frequency Range ¹ | |
| Frequency Response (-6 dB) | 73 Hz – 20 kHz |
| Useable Frequency Range (-10 dB) | 65 Hz – 20 kHz |
| Maximum Output ² | |
| Calculated Peak Output | 105 dB SPL |
| Calculated Continuous Output | 99 dB SPL |
| Nominal Impedance | 8Ω switchable |
| Power Rating | |
| RMS Power Handling ³ | 30 W (100 hours IEC) |
| Recommended Max Amp Power | 60 W RMS |
| Sensitivity | 85 dB, 2.83V, 1 m, free space (4π) |
| Nominal Coverage (HV) | 100° x 100° |
| Transformers | |
| Type | Custom low distortion laminated core, wide bandwidth design |
| Taps | 70V: 30, 15, 7.5, 3.8 W / 100V: 30, 15, 7.5 W / 8Ω bypass |
| Environmental | Exceeds Mil Spec 810 for humidity, salt spray and dust; IEC 60529 IP-X3 splash rating |
| Agency Rating | Transformer is Listed UL1876 |
| Enclosure | |
| Material | Injection molded, weather resistant high impact polystyrene |
| Finish | White or black (paintable) |
| Grille | Heavy duty powder coated aluminum |
| Connectors | Screw terminals |
| Mounting Hardware | Ball mount assembly; yoke mount bracket included |
| Weight - Net/Shipping (pair) | 4 lb (1.8 kg) / 10 lb (4.5 kg) |

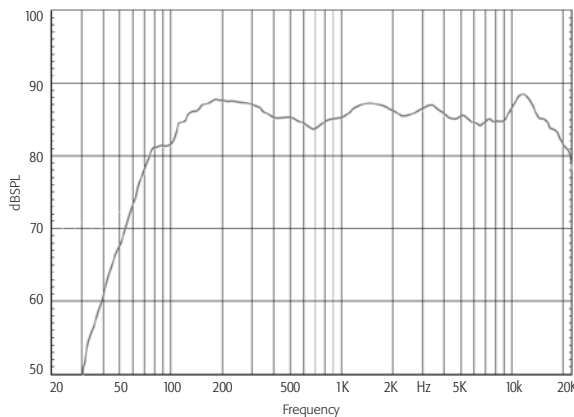
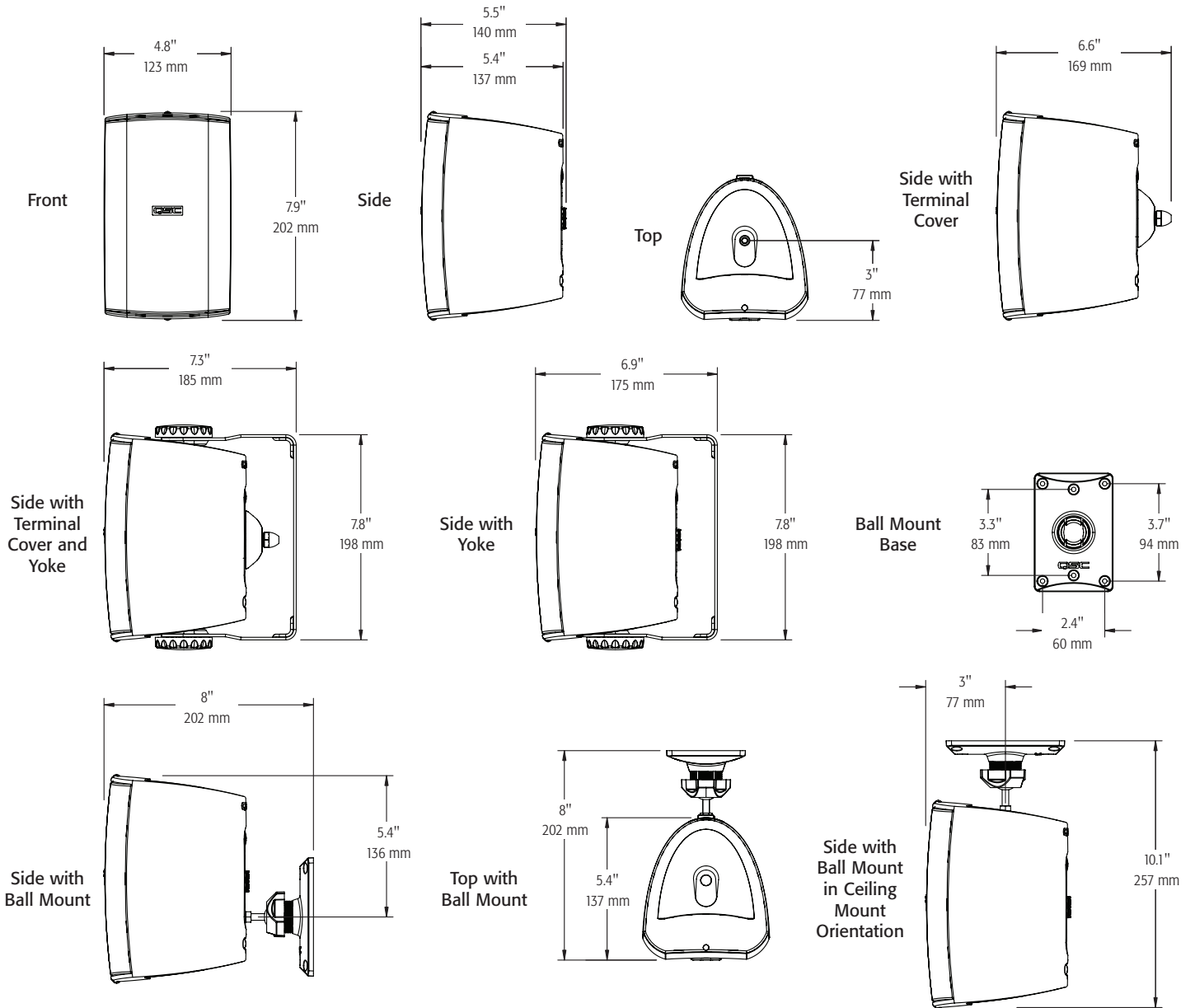
¹) All frequency ranges specified refer to measured free field response.

²) Calculated SPL at 1m, (free 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.

AD-S32T

Dimensions | Frequency Response



Specifications subject to change without notice.

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AD-S32T Spec Sheet - 06/05/09

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