



## AcousticDesign™ Series AD-S112sw

Small format, surface  
mount subwoofer

### Features

- TFR™ (Turbulent Flow Reduction) port provides optimal resonant tuning and high velocity air flow
- Included yoke bracket and M10 fittings for optional suspension
- Advanced voicing filter sets using QSC Intrinsic Correction™ available through either Q-Sys processing or CXD amplifier platforms
- Lightweight ABS enclosure offer long-term durability and lasting good looks
- Sealed input panel cover and powder coated aluminum grilles for added weather resistance
- Meets IEC60529 IP-54 for dust and splash resistance
- Available in black (RAL 9011)
- Complete EASE, CF2, CAD, & BIM information available online



Yoke-Mount (included)

Restaurant · Retail · Dance/Music Clubs · AudioVisual · Education · Casinos · Themed Entertainment · Large System Ancillary Support · Worship Facilities

The QSC AcousticDesign™ AD-S112sw is a low impedance, surface mounted, 12" direct radiating subwoofer. An ideal companion to AcousticDesign™ full range models, the AD-S112sw allows impressive low frequency expression within a complimenting form factor, suitable of demanding foreground and background sound reinforcement applications.

AcousticDesign™ series offers integrators a premium quality installed sound solution where performance, coverage, and aesthetics are paramount. Combined with unprecedented ease-of-installation and high weather resistance, the AcousticDesign™ series provides integrators a versatile and confident install solution.

The AD-S112sw features a high power 12" weather treated paper cone woofer on a 2.5" voice coil. TFR™ (Turbulent Flow Reduction) port design tunes the enclosure resonance and is optimized for high velocity air flow, resulting in higher output pressures before turbulence or "chuffing" of the port.

Taking full advantage of boundary plane coupling and to reduce vibration transmission, the AD-S112sw ships with an included yoke mount assembly. Additional M10 fittings on the enclosure allow suspended or flown deployments using the optional accessory M10 KIT-C.

With rugged ABS enclosures, sealed input panel covers, and powder-coated aluminum grilles for weather resistance, the AcousticDesign™ surface mounted series exceed IEC60529 IP-54 ratings for dust and splash resistance.

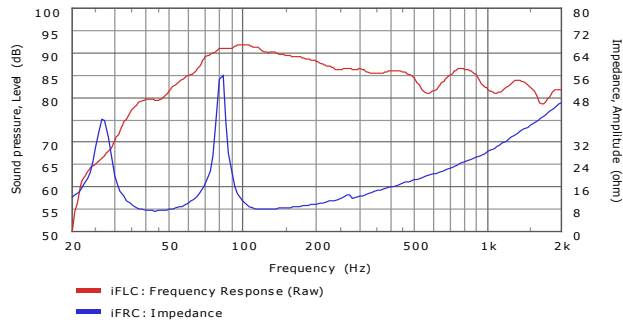
To further enhance performance and speed of install with optimum result, advanced voicing filter sets using QSC Intrinsic Correction™ techniques are obtainable using Q-Sys networked audio processing platforms, including CXD amplifiers for a complete QSC systems solution.

The AcousticDesign™ series feature a stylish appearance free of obtrusive logo adornments for aesthetically sensitive installations. Complimenting adjacent product families, the AD-S112sw is available in QSC standard black (RAL 9011) and may be painted to match any decor.

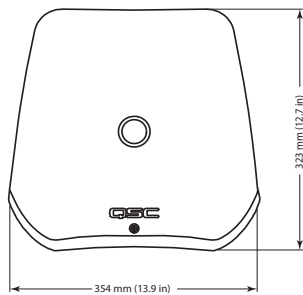
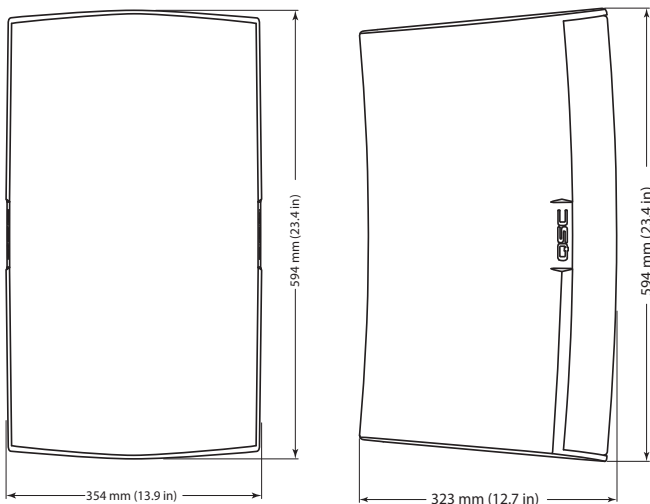
For your system integration needs, complete EASE, CF2, CAD, and BIM files are available for download at [QSC.com](http://QSC.com).

# AD-S112sw Details

## Impedance / Frequency Response:



## Dimensions:



## Specifications:

System Details	AD-S112sw
Effective frequency range <sup>1</sup>	30 – 135 Hz
Rated noise power / voltage <sup>2</sup>	300 watts / 50 volts (rms)
Broad-band sensitivity <sup>3</sup>	90 dB SPL
Maximum continuous SPL <sup>4</sup>	115 dB
Maximum peak SPL <sup>4</sup>	121 dB
Rated impedance	8 ohms
Recommended amplifier	600 watts
LF transducer	12" weather resistant paper cone woofer, 2.5" / 64 mm voice coil
Input connector type	Euroblock connector with parallel output
Enclosure material	Painted ABS polymer
Grille material	Powder coated aluminum
Yoke material	Powder coated galvanized steel
Enclosure Details	
Ingress protection	IP-54
Operating environment	Designed for indoor and outdoor use
Testing	The AD Series loudspeakers qualified for outdoor use using the following tests:  Salt fog: MIL-STD-810G Method 509.5 for 100 hours.  Humidity: MIL-STD-810G Method 507.5, Natural cycle B2, cyclic high RH for 7 days  High and low temperature: tested to QSC internal standards between -20° and 50° C
Operating Temperature	-20 to 50° C / -4 to 122° F
Net weight	29 lb / 13.2 kg
Product dimensions	23.4" x 13.9" x 12.7" (594 x 354 x 323 mm)
Shipping weight	43.1 lb / 19.6 kg
Shipping dimensions	27.5" x 21.75" x 18.5" (698 x 552 x 470 mm)
Included accessories	Yoke mounting system, euroblock connector, input panel cover

<sup>1</sup> Free-field, -10 dB from on-axis sensitivity

<sup>2</sup> IEC60268-1 noise signal for 2 hours

<sup>3</sup> On-Axis, free-field sensitivity, 2.83V, 1 m

<sup>4</sup> Calculated from rated noise voltage and sensitivity

As part of QSC's ongoing commitment to product development, specifications are subject to change without notice.



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