



GP Series

GP218-sw

High Output, Direct Radiating,
Vented Subwoofer

Features

- Dual premium-grade, long excursion, high power 18-inch transducers with 4-inch voicecoil, dual layer spider and triple-roll surrounds
- Interlocking feet and recess features allow for allow for rigid vertical stacking
- Built-in handles along with the optional dolly board and soft cover offers ease of transport
- M10 fittings allows for suspension in permanent and portable applications
- Dual NL4 Speakon connectors
- 18mm Baltic birch plywood construction
- 16-Gauge powder coated Steel Grilles
- Available in black and white
- Complete EASE, CAD & BIM information available online



Performance Spaces · Worship Facilities · Portable and Live Sound · Dance Clubs · Indoor Sports Facilities · Themed Entertainment

The GP218-sw is a premium, high-performance, direct radiating dual 18-inch subwoofer designed for use in portable and installed sound applications. This powerful subwoofer offers plenty of “punch” while maintaining ample extension so the musically important fundamentals are solidly and accurately reproduced. With an impressive combination of low-frequency extension and musical accuracy, the GP218-sw is an ideal companion to QSC’s WideLine Series, ILA Series, AcousticPerformance™ Series and AcousticDesign™ Series loudspeakers.

The GP218-sw features two 18-inch transducers that incorporate a double layer spider and triple roll surround for extended and controlled excursion at extreme power. The 4-inch voicecoil is wound on a fiberglass former to prevent deformation at high operating temperatures and is extensively vented to reduce power compression. An aluminum demodulating ring is employed to further reduce distortion.

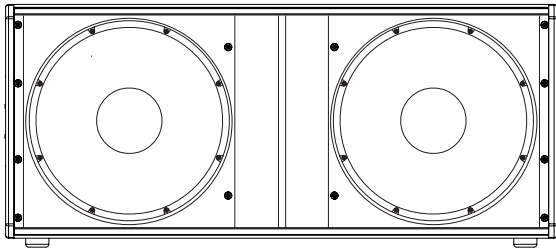
The GP218-sw is housed in an 18mm Baltic birch plywood enclosure and finished in an environmentally friendly, waterborne, polymer finish rugged enough for the demands of everyday use while also being field repairable. Internal bracing is employed to eliminate acoustic losses due to panel resonance while maintaining the enclosure’s robustness.

Further contributions to cabinet rigidity include vent walls constructed of the same plywood as the enclosure. Ample port area allows free movement of air resulting in minimal turbulence and port distortion. Finishing the enclosure’s aesthetic design, the transducer is protected by a 16-gauge, powder coated steel grille.

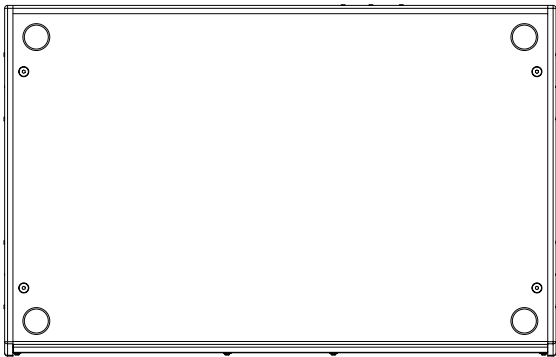
To aid in transporting the GP218-sw, the unit features built-in handles with options for a dolly board and soft cover. For increased versatility, the GP218-sw can be stacked vertically using their interlocking feet and recess features machined into the enclosure’s top panel.

GP218-sw Details

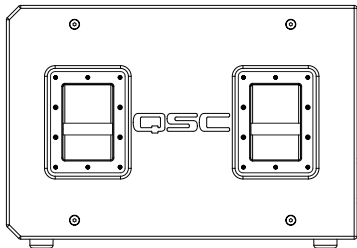
Front



Top



Side



Specifications:

System Details

Frequency Range (-10dB)	24Hz – 1.2kHz
Power Capacity ¹	1700W (82.5V) continuous 3400W peak
Nominal Sensitivity ²	102dB, 1W@1m
Maximum Rated SPL	135dB @1m, continuous ³ 141dB @1m, peak ⁴
Nominal Impedance	4Ω
Transducer	457mm (18-inch) driver with 102mm (4-inch) Voicecoil
Recommended Power	3000 - 4000W

Enclosure Details

Input Connector	Dual NL4 connector
Pin Outs	1+/1- Sub 2+/2- N/C
Enclosure Material	18mm Baltic birch plywood
Attachment Points	16x threaded M10 inserts
Grille	16 Gauge powder coated steel
Dimensions (HxWxD)	508 mm x 1198 mm x 762 mm (20" x 47.2" x 30")
Net Weight	87 kg (191 lb)
Shipping Weight	95 kg (209 lb)
Optional Accessories	CP218-0 transportation dolly CP218-1 transportation dolly plus soft cover

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

¹ 2 hour rating using IEC60268 noise based on minimum impedance

² Mid-band based on nominal impedance

³ Calculated as the nominal sensitivity plus 10x the log of continuous rated power in volts squared divided by nominal impedance

⁴ Calculated as the continuous calculated max output plus 6dB



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