

LS218

ACTIVE
DOUBLE 18-INCH
SUBWOOFER

Preliminary

LIVE VENUES • FIXED INSTALLATIONS • MOBILE ENTERTAINERS • AV RENTAL/EVENT PRODUCTIONS



L Class represents the next-generation of advanced, intelligent active loudspeakers for mobile and fixed entertainment applications.



The LS218 is a next-generation, intelligent, active subwoofer featuring a brilliant combination of leading-edge innovation, refined engineering and unparalleled ease of use in an easy-to-deploy package.

Featuring an energy-efficient, 5000 W peak power Class D amplifier module with Power Factor Correction and extremely low AC consumption, the LS218's two 18-inch (460 mm) long excursion direct radiating drivers deliver very high SPL output (141 dB peak) with impressive low frequency performance.

The LS218 is easy to configure and deploy for applications ranging from simple, portable, plug-and-play setups, to demanding, networked, high-tech AV productions and fixed installations. QSC SysNav™ (System Navigator) App allows the user to easily design, configure, control, monitor and apply signal processing to individual subwoofers, full arrays or groupings of both. Network solution includes digital audio-over-IP (Dante®) for interoperability with other audio equipment and seamless control and monitoring.

Daisy-chain connections for analog, networked digital audio (Dante) and AC power (PowerCON TRUE1) are provided, and two or more LS218 can be configured in a cardioid arrangement, maximizing low frequency output in front while minimizing unwanted energy around the sides and rear of the system. QSC Acoustic Linear Phase (ALP) design, permits effortless combination and coherent deployment of QSC loudspeakers within the same sound system. Together with the LA108 or LA112 active line array loudspeakers, the LS218 can be deployed with either an array frame/ground-stack adapter or using loudspeaker poles in both horizontal and vertical orientations.

The LS218 is backed by a 6-Year Warranty when registered within 30 days of purchase.

Key Features

- Very high SPL output (141 dB peak) with impressive low frequency performance.
- Two 18-inch (460 mm) long excursion direct radiating driver.
- Energy-efficient, 5000 W peak power Class D amplifier module with Power Factor Correction and extremely low AC consumption.
- Acoustic Linear Phase (ALP) design provides complementary coherence between QSC loudspeakers deployed in the same audio system delivering a uniform listening experience across the entire venue.
- QSC SysNav™ (System Navigator) App allows the user to easily design, configure, control, monitor and apply signal processing to individual subwoofers, full arrays or groupings of both. Network solution includes digital audio-over-IP (Dante®) for interoperability with other audio equipment and seamless control and monitoring integration into the Q-SYS Ecosystem via Q-SYS Inventory Extensions.
- Omni-directional or cardioid radiation modes (cardioid setup requires min. 2 units).
- Selectable DEEP™ mode for extremely low frequency extension.
- Rugged wooden enclosure with Polyurea coating for lasting durability.
- Vertical or horizontal deployments (M20 threaded pole receivers) combined with array frames and stack adapters or loudspeaker poles.
- Complemented by LA108 and LA112 active line array loudspeakers.
- 6-Year Warranty when registered within 30 days of purchase.



6 year
warranty

When registered within
30 days of purchase*

*1-year warranty on battery

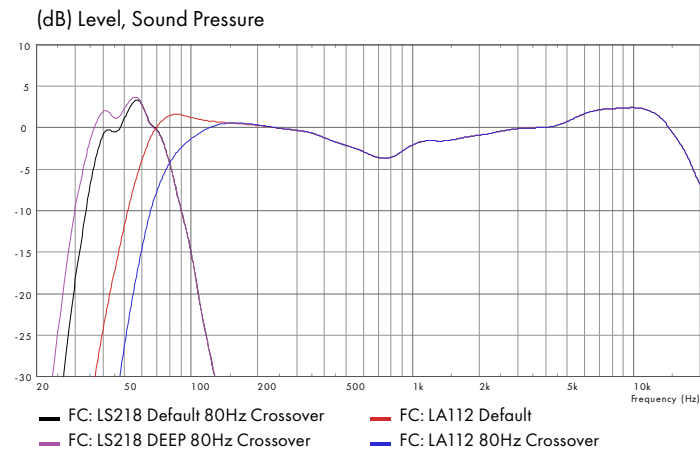
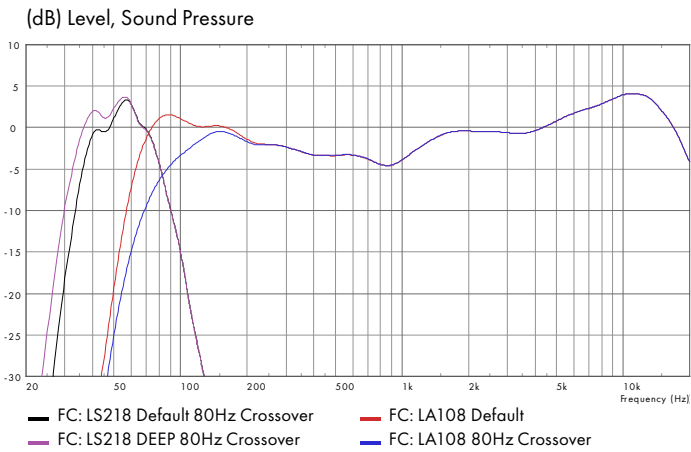
specifications

Configuration	Direct radiating, active subwoofer
LF Transducer	(2x) 460 mm (18-inch), cone
Frequency Response (-6 dB)	41 Hz – 98 Hz
Frequency Range (-10 dB)	35 Hz – 111 Hz
Nominal Coverage Angle	Omni-directional or cardioid radiation modes (cardioid setup requires min. 2 units)
Maximum Rated SPL ¹	141 dB @ 1 m (peak)
Amplifier	Class D, 5000 W (peak)
Cooling	Low-noise, variable speed fan
Controls	Rotary push encoder 2 x Push button (Menu, ID)
Display Screen	61 mm (2.4-inch) Full color display area (240 x 320 pixels)
Indicators	Power LED Limiter active LED Standby active LED 2 x Signal LED
Connectors	XLR Female (Analog In) XLR Male (Analog Thru) 2 x RJ45 EtherCON (Dante ® and QSC SysNav™ In/Thru) 2 x PowerCON TRUE1 (AC Power Inlet/Outlet)
AC Power Input	Universal power supply, 100-240 VAC, 50-60 Hz
AC Power Consumption 1/8th Power ²	100 VAC, X A / 120 VAC, X A / 230 VAC, X A
Enclosure Materials	15 mm birch plywood with Polyurea coating
Attachment Points	6 x M10 (for individual vertical or horizontal suspension/flying) 2 x M20 (for vertical or horizontal loudspeaker pole or sub-stack deployments)
Color	Black (RAL 9011)
Grille	16 GA Powder coated steel
Dimensions (HxWxD) (Without Casters)	638 x 1023 x 696 mm 25.1 x 40.3 x 27.4 inches
Carton Dimensions (HxWxD)	1200 x 800 x 724 mm 47.2 x 31.5 x 28.5 inches
Net Weight	83.5 kg (184 lb)
Shipping Weight	96.6 kg (213 lb)
Included Accessories	1 x PowerCON TRUE1 power cable
Optional Accessories	CASTER KIT-L, SP-16X, SP-26, SP-36, 218-CVR, 218-CVRX, 218-CART, M10 KIT-S, LS-KIT-J
Regulatory	CE, WEEE, UL, China RoHS, RoHS II, FCC Class B

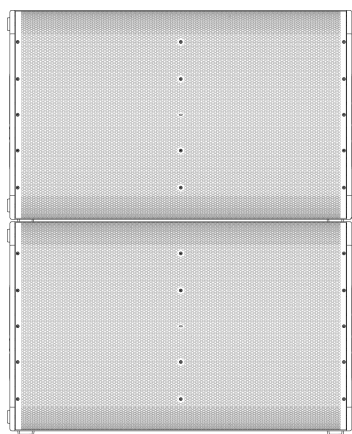
¹ Measured at 1 meter, on-axis, in half-space using Pink Noise, Crest Factor 10 dB unweighted.
² 1/8 power is representative of current draw with typical music program material with occasional clipping.
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Windows is a registered trademark of Microsoft. MacOS and iOS are registered trademarks of Apple.
Specifications subject to change without prior notice



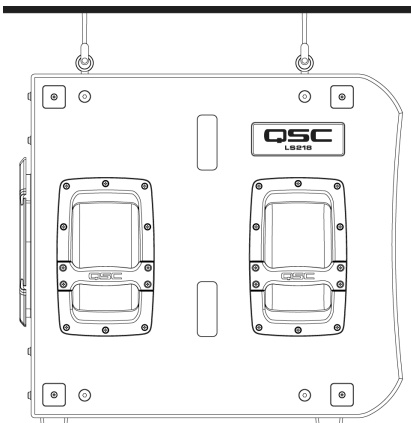
measurements



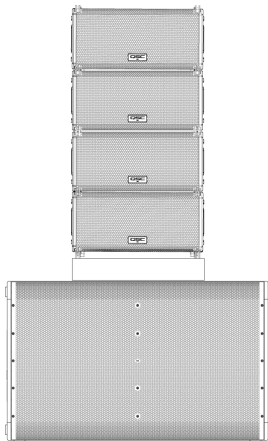
deployments



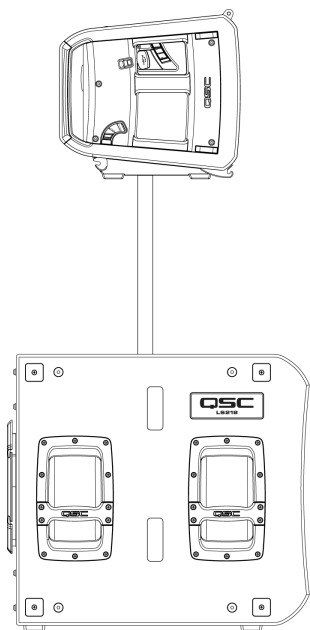
LS218 horizontal double stacked



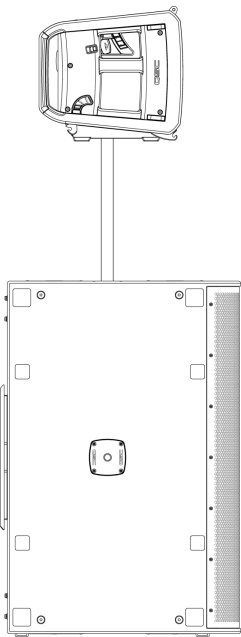
LS218 flown from M10 eyebolts



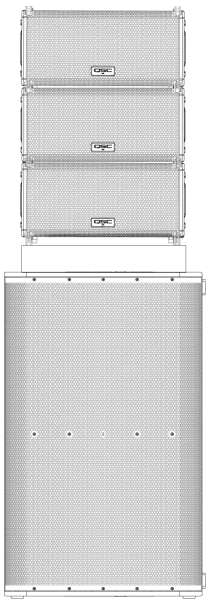
LS218 horizontal with 4 LA108 sub stack



LS218 Horizontal with 1 LA112 on pole

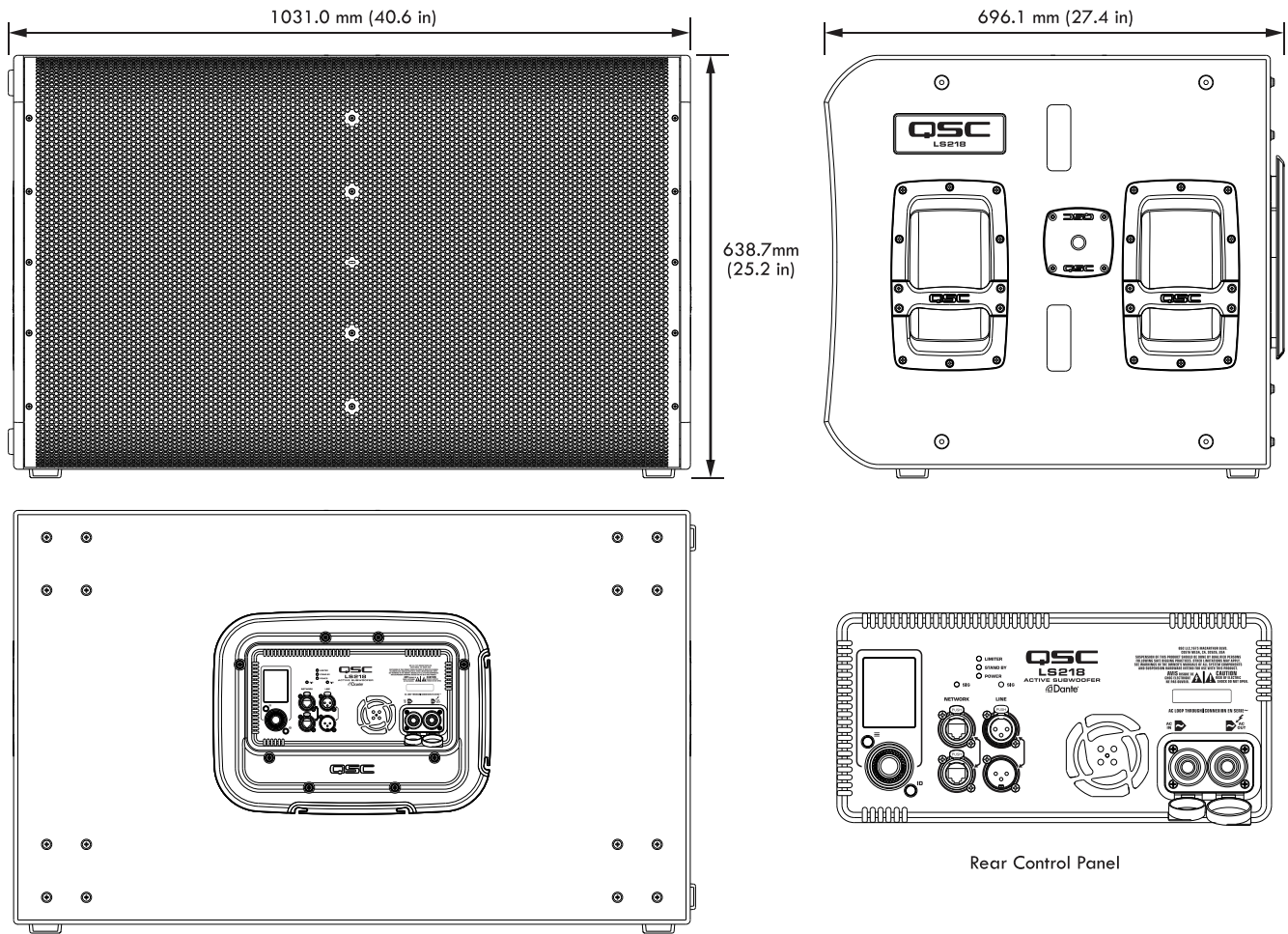


LS218 Vertical with 1 LA112 on pole



LS218 Vertical with 3 LA108 sub stack

dimensions



accessories

Optional Accessories

- 218-CVR** Heavy Duty Cordura Nylon Transport Cover for single 218 subwoofer on casters
- 218-CVRX** Expandable Heavy Duty Cordura Nylon Transport Cover for one or two 218 subwoofers on caster carts
- 218-CART** Transport cart with 4-inch casters for up to two 218 subwoofers
- CASTER KIT-L** 4-inch caster kit with two locking casters
- SP-16X/SP-26/SP36** 35 mm M20 speaker pole, available in 16-, 26- and 36-inch lengths
- M10 KIT-S** Four M10 Eyebolts
- LS-KIT-J** 2x powerCON TRUE1 Jumper Cables and 2x EtherCON Jumper Cables

Compatible Accessories

- LA108 KIT-SA** Stack adapter kit for LA108 (requires LA108-AF Array Frame)
- LA112 KIT-SA** Stack adapter kit for LA112 (requires LA112-AF Array Frame)