

SXHF218

2 x 18" Passive Hybrid Horn/Reflex Flown Subwoofer

LA SOUNDX® PROFESSIONAL AUDIO SYSTEM

Ultra-high output flown subwoofer engineered for large-scale low-frequency reinforcement.

MAX SPL

**148 dB peak
154 dB peak CF4**

POWER

**3,400 W AES
13,600 W peak**

LOW END

**32 Hz - 150 Hz
±3 dB**



LA SOUNDX®

PROFESSIONAL AUDIO SYSTEM

Product Positioning

LA SOUNDX®

PROFESSIONAL AUDIO SYSTEM

Flown / ground-stack hybrid horn-reflex subwoofer for high-output systems



Designed for maximum low-frequency output where flown subwoofer arrays, cardioid control or large-format ground systems are required.

Outdoor festivals and touring stages

Stadiums, arenas, theatres and concert halls

Nightclubs and high-output fixed installations

Flown alongside main arrays or ground-stacked with outrigger system

Forward or rear-facing deployment for directional subwoofer arrays

CORE VALUE

High acoustic efficiency + deep extension

SYSTEM LOGIC

Flown, stacked, or cardioid paired

2026 UPDATE

Front NL4 + front/rear LED indicators

Key Performance

LA SOUNDX®

PROFESSIONAL AUDIO SYSTEM

Core data from current official technical specifications

Frequency Response

32 Hz - 150 Hz ± 3 dB

Drivers

2 x 18" LF, 4.5" VC

Rated Power

3,400 W AES

Peak Power

13,600 W peak

Sensitivity

107 dB

Maximum SPL

**142 dB cont. / 148 dB
peak / 154 dB CF4**

Impedance

4 Ohms

Dispersion

**Omnidirectional or
cardioid paired**

Hybrid horn/reflex loading combines horn efficiency and reflex low-frequency extension for very high output relative to conventional reflex subwoofer designs.



Acoustic & Enclosure Design

Hybrid loading, rugged plywood enclosure and field-ready hardware



LA SOUNDX®

PROFESSIONAL AUDIO SYSTEM

Hybrid Horn/Reflex

Acoustic efficiency and low-frequency extension for high-impact bass output.

Dual Neodymium LF Drivers

Long-excursion 18" drivers with waterproof cones and triple-roll surrounds.

Rugged Cabinet

Multi-laminate birch/poplar plywood with hard-wearing black paint finish.

Touring Protection

Perforated steel grille, skids, castors, bar handles and cover fittings.

The 2026 hardware update adds front and rear LED indicators, a front NL4 connector, upgraded flying hardware, corrosion-resistant pins, a new grille and updated weather-resistant connector details.

Technical Specifications

Editable specification table - values follow the current datasheet

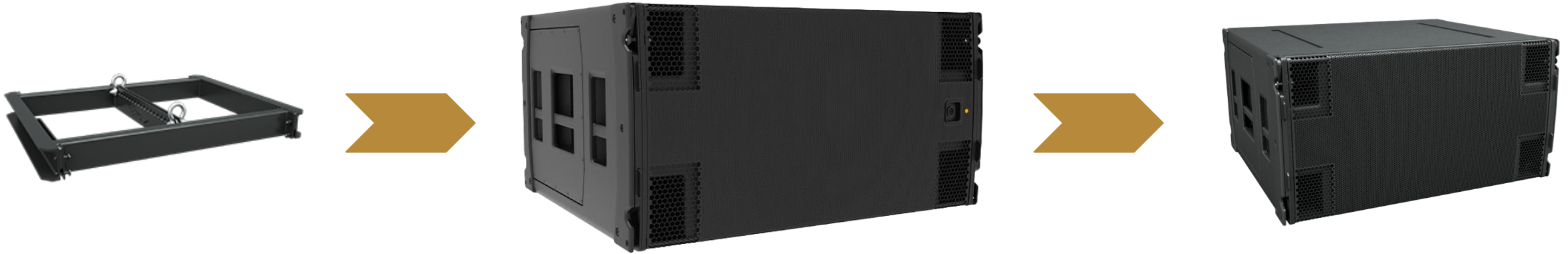
Product Model	SXHF218
Type	Hybrid horn/reflex flown subwoofer
Drivers	2 x 18" (460mm) / 4.5" (115mm) VC, long excursion, neodymium magnet, waterproof cone
Frequency Response	32Hz - 150Hz ±3dB, -10dB @ 27Hz
Rated / Peak Power	3,400 W AES / 13,600 W peak
Sensitivity	107 dB
Maximum SPL	142 dB continuous, 148 dB peak; 154 dB peak with crest factor 4
Nominal Impedance	4 Ohms
Coverage / Dispersion	Omnidirectional / Cardioid when paired
Enclosure	Multi-laminate birch/poplar ply
Finish	Hard-wearing textured black paint, RAL 9005
Protective Grille	Black perforated steel
Connectors	3 x NLT4MPXX-BAG: one front, two rear; IP54 when correctly sealed
Dimensions	1148(W) x 604(H) x 1027(D) mm; 1155 mm D incl. castors
Weight	144 kg; 147.5 kg with castors
Supplied Fittings	Skids, mating channels, four rear castors, six bar handles, cover fittings
Recommended Amplifier	iKON iK42 bridged for full output

System Application / Rigging

LA SOUNDX®

PROFESSIONAL AUDIO SYSTEM

Flown array, ground-stack and cardioid deployment using official hardware logic



FLYING FRAME

WPLGRIDt touring frame supports flown arrays of SXHF218 subwoofers.

SUBWOOFER ARRAY

Forward/rear-facing cabinet orientations can create directional low-frequency arrays.

GROUND SYSTEM

Outrigger kit can support ground-stacked systems beneath compatible main enclosures.

Rigging limitations must be checked using appropriate system design and rigging software before deployment.

Deployment Options

LA SOUNDX®

PROFESSIONAL AUDIO SYSTEM

Field use modes and signal/cabling logic

Flown sub array

Suspended above or alongside main arrays using touring flying frame.

Cardioid pair

Forward and rear-facing enclosures configured for directional low-frequency control.

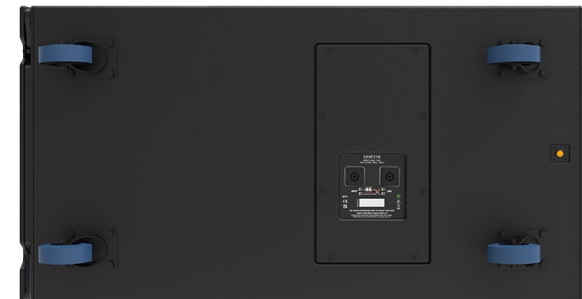
Ground stack

Subwoofers below main enclosures using compatible outrigger configuration.

Weather-aware cabling

Three NL4 sockets must be sealed correctly for outdoor connection protection.

Connector note: the current version provides one front and two rear NLT4MPXX-BAG connectors. The rear link wiring allows one four-core cable to power two subwoofers from separate amplifier channels.

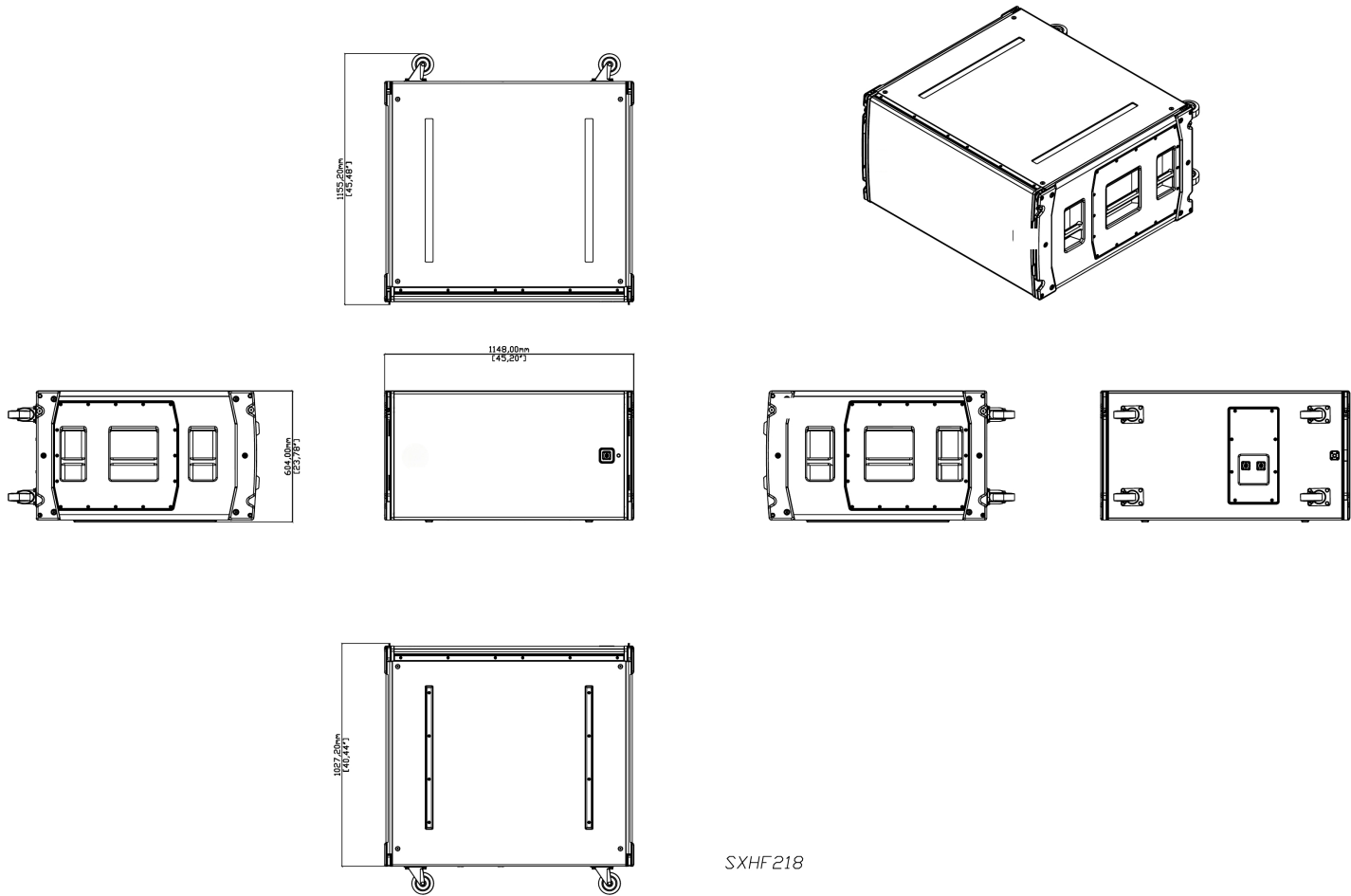


Technical Drawing / Dimensions

Official multi-view drawing with dimensions

LA SOUNDX®

PROFESSIONAL AUDIO SYSTEM



Connections & Hardware Details

NL4 connectivity, LED identification and touring hardware



LA SOUNDX®
PROFESSIONAL AUDIO SYSTEM

- Connectors** 3 x NLT4MPXX-BAG: one front, two rear
- Pin input** Front input 1+/1-; rear input 1+/1-
- Rear link** 1+/1- linked to 2+/2-; 2+/2- linked to 1+/1-
- LED indicators** Front and rear identification LEDs; rear LED supports cardioid identification
- Hardware** Skids, castors, six bar handles and optional cover fittings

Outdoor note: unused sockets require weatherproof NL4 sealing plugs; connected sockets require compatible weather-resistant cable connectors.

Accessories

Official accessory list with usage and compatibility notes



WPLGRIDt / WPLGRIDt-W

Touring flying frame for WPL and SXHF218

Available in black or white



WRKIT

Weatherised connector cover

For previous version compatibility only



SXHF218TC

Transit cover for SXHF218

Image not available in official materials



WPLGTFC

Flight case for two WPLGRIDt grids

Image not available in official materials



Weatherproof NL4 sealing plug

Seals unused NL4 sockets for outdoor connection protection

Image not available in official materials

Application Scenarios

LA SOUNDX®

PROFESSIONAL AUDIO SYSTEM

Generic use cases - not official project photos



Outdoor Festival

Long-throw low-frequency reinforcement with flown or ground sub arrays.



Stadium / Arena

Large-area impact and controlled low-frequency coverage.



Concert Hall / Theatre

High-output sub extension for performance reinforcement.



Nightclub / Fixed Install

Deep bass output with rugged enclosure and compact deployment logic.

Note: This page describes suitable application categories only. No venue image or project case is presented as an official reference.

Product Summary

SXHF218 - high-output flown hybrid horn/reflex subwoofer

LA SOUNDX®

PROFESSIONAL AUDIO SYSTEM



TYPE

**2 x 18" Passive Flown
Subwoofer**

POWER

**3,400 W AES / 13,600 W
peak**

FREQUENCY

32 Hz - 150 Hz ± 3 dB

MAX SPL

148 dB peak / 154 dB CF4

Contact / Distributor Area

Company / Website / Email / Phone