

Linea

LX-100

Passive line source speaker for music and speech, 8 × 4" / 1",
400 W, 126 dB SPL max., approx. 130 × 990 × 120 mm



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The LX-100 is a passive 2-way line source speaker designed for mobile applications and fixed installations. It was developed to ensure top quality transmission of speech and music even in rooms with demanding acoustics.

The renowned Fohhn line source speakers combine the advantages of a line array – such as directionality, even dispersion and reach – in a single compact system. The slim aluminum housing enables perfect visual integration into the room architecture or stage design.

Main features

- 8 × 4" long excursion driver, 1 × 1" compression driver with Waveguide
- Integrated crossover with electronic high frequency protection
- Nominal power rating: 400 W
- Dispersion: 140° × 25° (H × V)
- SPL max.: 126 dB
- Can be perfectly combined with Fohhn subwoofers
- High feedback resistance
- Connections: 2 × Speakon, 8-pole Phoenix connector
- Optionally available as 100-volt version
- Available in RAL Classic, NCS or Pantone colors on request
- Photorealistic Fohhn Texture Design is optionally available
- Weatherproof aluminum housing and coated speakers
- Weatherproof connectors on request
- In order to ensure performance and operational safety, Fohhn system amplifiers including the correct speaker preset are required.

Available with the following color options



Black



White

Equipped with the following Fohhn technologies



Fohhn Texture Design



100 V optional



Special colors optional



Weather-resistance possible

For detailed information about all Fohhn technologies, color options and connections, please visit www.fohhn.com/en/technologies

Technical data

Electroacoustic features

acoustic design	passive line source speaker system, 2-way
power rating (nominal)	400 watts
power rating (program)	800 watts
power rating (peak)	1600 watts
components	8 × 4" impreg. speaker membranes and 1 × 1" on Waveguide, with self-resetting IPC-HF protection, fully neodym
sensitivity	94 dB
maximum SPL	126 dB
frequency range	65 Hz – 20 kHz
2-way design	yes
nominal impedance	8 ohms
nominal dispersion (h × v)	140° × 25°

Physical features

enclosure	weatherproof aluminium housing, powder coated, steel bracings
connectors	2 × Neutrik NL4 Speakon, 8-pin Phoenix terminal
dimensions (w × h × d)	approx. 130 × 990 × 120 mm
weight	7 kg
standard colours	black (RAL 9005) or white (RAL 9016), powder coated
front design	metal grille in enclosure colour
protection grille	steel grille, ball impact resistant, powder-coated
mounting points	8 × M6 thread

Optional features

optional colours	RAL Classic / NCS / Pantone on request, Fohhn Texture Design
optional weather protection	weatherproof connection panel
integrated 100 V transformer	60 W / 30 W / 15 W

CAAD simulation data

simulation data	EASE, Ulysses, Fohhn Designer
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power rating (nominal/program): according to IEC-60268-5 (long term/short term)

power rating (peak); maximum SPL: peak, 20 ms with bandpass filtered pink noise signal according to IEC 60268-2 at one octave above the lower limit of the frequency range, with speaker preset

sensitivity: 2,83 V at 8 ohms (2 V at 4 ohms, 4 V at 16 ohms) at a distance of 1 m under anechoic fullspace conditions

frequency range: -10 dB under anechoic halfspace-conditions with speaker preset

weight: net weight without optional equipment

Intelligent Protection Circuit (IPC): voltage-controlled semiconductor circuit protecting the HF-driver against overload highly effective and with very short attack time

cut-off frequency: -10 dB under anechoic halfspace-conditions with speaker preset

heat dissipation: pink noise, 6 dB crest, 1/4 Pmax

nominal dispersion: -6 dB compared to the main dispersion axis, averaged 1 – 4 kHz

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