

Linea

LX-150

Passive line source speaker for music and speech, 12
× 4" / 1", 600 W, 130 dB SPL max., approx. 130 × 1460
× 120 mm



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The LX-150 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

- 12 x 4" long excursion driver, 1 x 1" compression driver with Waveguide
- Nominal power rating: 600 W
- Dispersion: 140° x 25° (H x V)
- SPL max.: 130 dB
- Can be perfectly combined with Fohhn subwoofers
- High feedback resistance
- Connections: 2 x 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 enclosure and laminated speakers guarantee outdoor use
- 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



Weatherproof execution

Technical data

Electroacoustic features

acoustic design	line source speaker system, 2-way
power rating (nominal)	600 watts
power rating (program)	1200 watts
power rating (peak)	2400 watts
components	12 × 4" impreg. speaker membranes and 1 × 1" on Waveguide, with self-resetting IPC-HF protection, fully neodym
sensitivity	96 dB
maximum SPL	130 dB
frequency range	65 Hz – 20 kHz
nominal impedance	8 ohms
2-way design	yes
nominal dispersion (h × v)	140° × 25°

Features

enclosure	weatherproof aluminium housing, powder coated, steel bracings
front design	metal grille in enclosure colour
protection grille	steel grille, ball impact resistant, powder-coated
weight	9.5 kg
standard colours	black (RAL 9005) or white (RAL 9016), powder coated
mounting points	8 × M6 thread
connectors	2 × Neutrik NL4 Speakon, 8-pin Phoenix terminal
dimensions (W × H × D)	approx. 130 × 1460 × 120 mm

Optional features

optional colours	RAL Classic / NCS / Pantone on request, Fohhn Texture Design
integrated 100 V transformer	60 W / 30 W / 15 W
optional weather protection	weatherproof without additional protective measures

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

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

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

Fohhn Audio AG
Großer Forst 15
72622 Nuertingen
Germany

Phone +49 7022 93323-0
Fax +49 7022 93324-0
www.fohhn.com
info@fohhn.com

