

Linea

LX-60

Passive line source speaker for music and speech, 4 × 4" / 1", 200 W, 119 dB SPL max., approx. 130 × 640 × 120 mm, install version



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The LX-60 is a passive 2-way line source speaker designed for 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.

Main features

- 4 × 4" long excursion driver, 1 × 1" compression driver with Waveguide
- Integrated crossover with electronic high frequency protection
- Nominal power rating: 200 W
- Dispersion: 130° × 30° (H × V)
- SPL max.: 119 dB
- High feedback resistance
- Connections: 8-pole Phoenix connector
- Available in RAL Classic, NCS or Pantone colors on request
- Photorealistic Fohhn Texture Design is optionally available
- Various mounting options
- 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	passive hybrid line source speaker system, 2-way, weather resistant
power rating (nominal)	200 watts
power rating (program)	400 watts
power rating (peak)	800 watts
components	4 × 4" long excursion with treated cones, 1 × 1" compression driver on Fohhn-Waveguide with self-resetting IPC-HF protection, fully neodymium
sensitivity	90 dB
maximum SPL	119 dB
frequency range	85 Hz – 20 kHz
nominal impedance	8 ohms
2-way design	yes
nominal dispersion (h × v)	130° × 30°

Features

enclosure	weatherproof aluminium housing, powder coated, steel bracings
front design	steel grille in enclosure colour, backed by acoustically transparent foam
protection grille	steel grille, ball impact resistant, powder-coated
weight	5 kg
standard colours	black (RAL 9005) or white (RAL 9016), powder-coated
mounting points	8 × M6 threads
connectors	8-pin Phoenix terminal
dimensions (W × H × D)	approx. 130 × 640 × 120 mm

Optional features

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

CAAD simulation data

simulation data	EASE, 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

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