

# Linea

## LC-100

Passive line source speaker, optimised for speech, 8 × 4", 240 Watt, 127 dB SPL max., approx. 130 × 990 × 120 mm



# Linea LC-100

The LC-100 is a passive line source speaker for fixed installations. It is optimized for excellent speech reproduction and is ideally suited to both indoor and outdoor applications thanks to its weatherproof aluminum enclosure. The renowned Fohhn line source speakers combine the advantages of line arrays – such as directionality, homogeneous dispersion and reach – in a compact system. The slim aluminum housing enables perfect visual integration into the room architecture.

## Main features

- 8 x 4" driver
- Nominal power rating: 240 W
- Frequency range: 120 Hz – 12 kHz
- Suppression of unwanted side lobes thanks to Fohhn Source Division Waveguide
- Perfect speech intelligibility and long reach
- Low impedance technology
- Weatherproof without additional protection (degree of protection IP54 according to IEC 529 / EN 60529)
- Available in different colors (RAL Classic, Pantone, NCS) or with Fohhn Texture Design
- 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



Fohhn Source Division Waveguide



Ball impact resistant



Weatherproof execution

# Technical data

## Electroacoustic features

acoustic design	weatherproof passive loudspeaker, closed, passive 2-way CD crossover, suppression of side lobes by Source Division Waveguides
power rating (nominal)	240 watts
power rating (program)	480 watts
power rating (peak)	960 watts
components	8 × 4" treated drivers
sensitivity	98 dB SPL
maximum SPL	127 dB SPL
frequency range	120 Hz – 12 kHz
nominal impedance	8 ohm
2-way design	yes
nominal dispersion (h × v)	130° × 15°

## Features

enclosure	weatherproof aluminium housing, powder coated, steel bracings
front design	ball impact resistant grille, galvanized and powder coated in enclosure colour, backed by acoustically transparent foam
weight	8 kg
standard colours	black (RAL 9005) or white (RAL 9016), powder coated
mounting points	8 × M6 screw threads
weather protection	as standard (protection class IP54, in accordance with IEC 529 / EN 90529)
connectors	screwed terminal connectors capable of receiving up to 4 mm <sup>2</sup> , two per pin, terminal cover with dual cable gland for up to 10 mm cable diameter
dimensions (W × H × D)	approx. 130 × 990 × 120 mm

## Optional features

optional weather protection	protection class IP54, weatherproof without additional protective measures
optional connectors	ceramic terminals capable of receiving up to 2.5 mm <sup>2</sup>
optional colours	RAL Classic / NCS / Pantone on request, Fohhn Texture Design

## CAAD simulation data

simulation data	EASE, CLF, Ulysses
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power rating (nominal/program): according to IEC-60268-5

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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