

# Linea

## LX-220

Passive line source speaker for music and speech, 18 × 4" / 3 × 1", 900 W, 131 dB SPL max., approx. 130 × 2200 × 120 mm



# Linea LX-220

The LX-220 is a passive 4-way line source speaker. It was developed to ensure top quality transmission of speech and music even in rooms with demanding acoustics, and it impresses with its exceptional reach. 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

- 18 × 4" long excursion driver, 3 × 1" compression driver with Waveguide
- Nominal power rating: 900 W
- Dispersion: 130° × 15° (H × V)
- SPL max.: 131 dB
- Can be perfectly combined with Fohhn subwoofers
- High feedback resistance
- Connections: 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](http://www.fohhn.com/en/technologies)

# Technical data

## Electroacoustic features

|                            |  |
|----------------------------|--|
| acoustic design            | passive hybrid line source speaker system, 4-way, weather resistant  |
| power rating (nominal)     | 900 watts  |
| power rating (program)     | 1800 watts   |
| power rating (peak)        | 3600 watts   |
| components                 | 18 × 4" long excursion with treated cones, 3 × 1" compression driver on Fohhn-Waveguide with self-resetting IPC-HF protection, fully neodymium |
| sensitivity                | 96 dB  |
| maximum SPL                | 131 dB   |
| frequency range            | 65 Hz – 20 kHz   |
| nominal impedance          | 4 ohms   |
| nominal dispersion (h × v) | 130° × 15°   |

## Physical features

|                        |   |
|------------------------|---|
| enclosure              | weatherproof aluminium housing, powder coated, steel bracings             |
| connectors             | 8-pin Phoenix terminal  |
| dimensions (w × h × d) | approx. 130 × 2200 × 120 mm   |
| weight                 | 16 kg   |
| standard colours       | black (RAL 9005) or white (RAL 9016), powder coated                       |
| front design           | steel grille in enclosure colour, backed by acoustically transparent foam |
| protection grille      | steel grille, ball impact resistant, powder-coated                        |
| mounting points        | 12 × M6 threads   |

## 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, Fohhn Designer |
|-----------------|----------------------|

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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