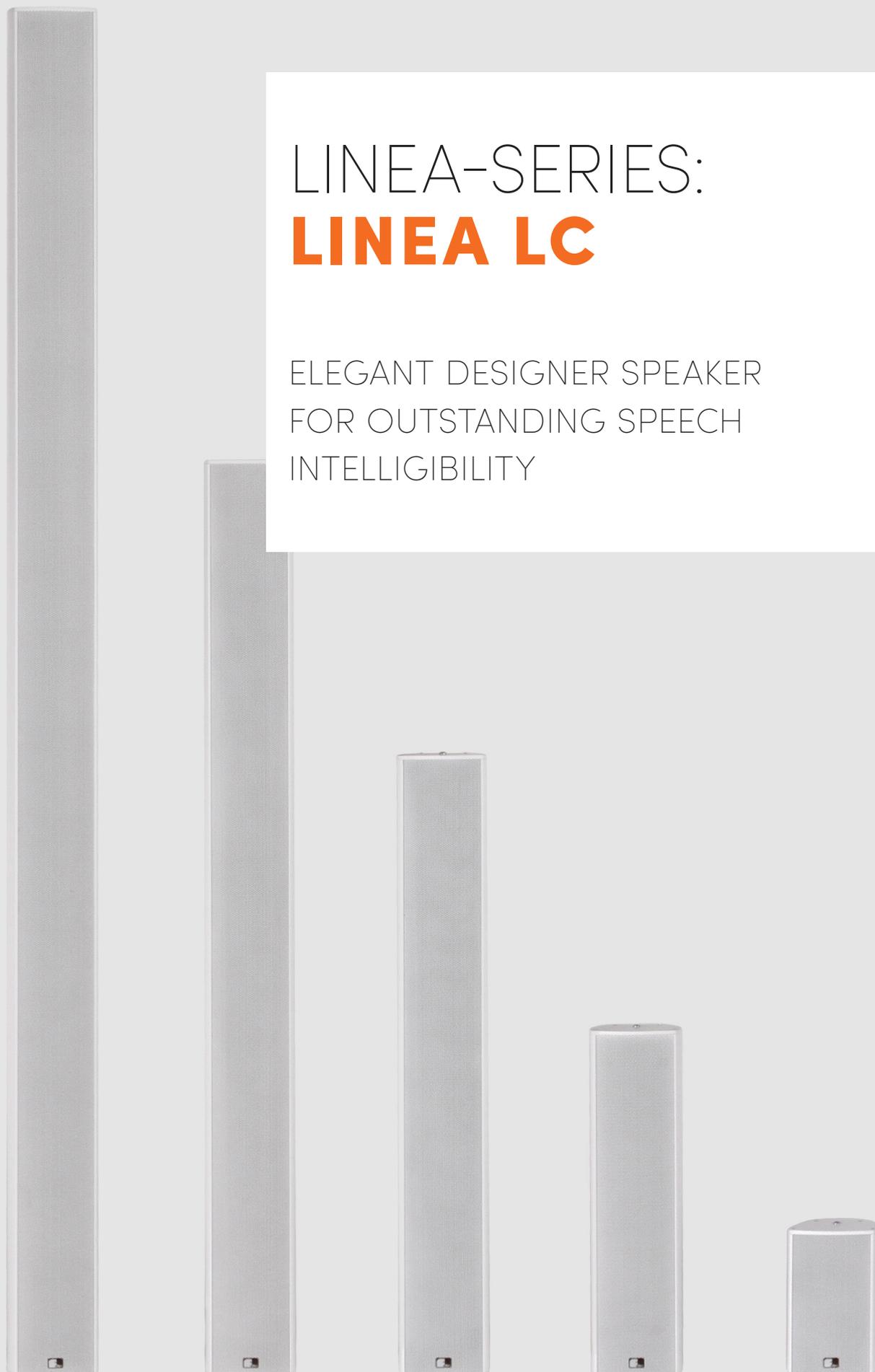


LINEA-SERIES: **LINEA LC**

ELEGANT DESIGNER SPEAKER
FOR OUTSTANDING SPEECH
INTELLIGIBILITY



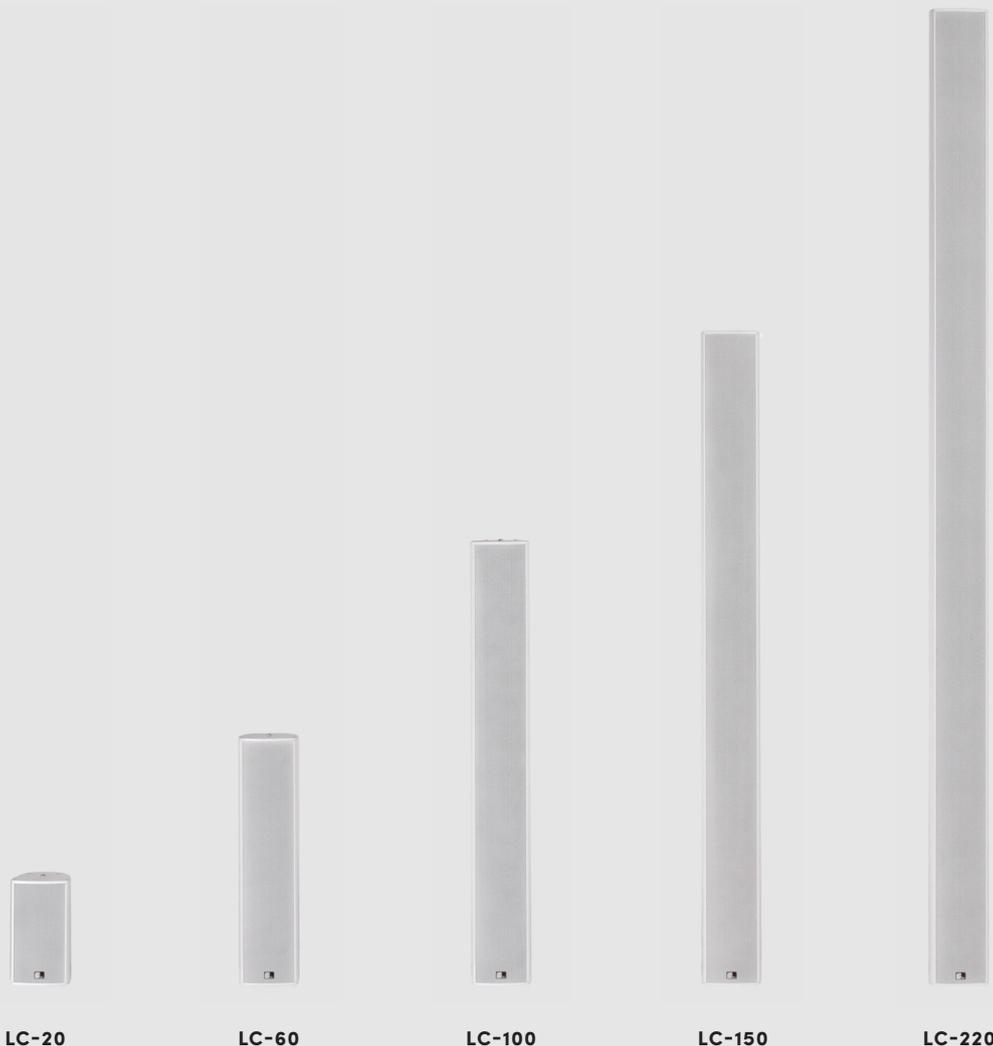
LINEA LC LOUDSPEAKER SYSTEMS – FOR CHALLENGING FIXED INSTALLATIONS

FOHNN'S brand new **LINEA LC** loudspeaker systems are intended for use in fixed installations where the highest demands for speech intelligibility and visual appearance must be met. Packaged in elegant, extruded aluminium enclosures, **LINEA LC** products are weather resistant without requiring any additional protection and are therefore ideal for both indoor and outdoor applications.

LINEA LC loudspeaker systems are equipped with high quality, full range, 4" drivers with treated cones to provide optimum levels of efficiency in speech reproduction. An in-house developed, innovative waveform system (**FOHNN SOURCE DIVISION WAVEGUIDE**), a multi-zone crossover and a special loudspeaker chassis configuration guarantee coherent vertical sound dispersion, in-

creased sound pressure levels and the suppression of "Side Lobes" (unwanted secondary lobes in the vertical beam dispersion range). The result: highly directional sound coverage, long reach, outstanding sound quality and excellent levels of speech intelligibility – even in acoustically challenging venues with long reverberation times (such as churches, railway stations, shopping centres, lecture theatres or conference rooms).

LINEA LC line source speakers are available in five models, with lengths ranging from 20 cm to 220 cm. The new loudspeaker systems have paintable front grilles and are available in all RAL Classic colours – special colours (Pantone etc.) and photo-realistic decorative surfaces (**FOHNN TEXTURE DESIGN**) are also available on request.

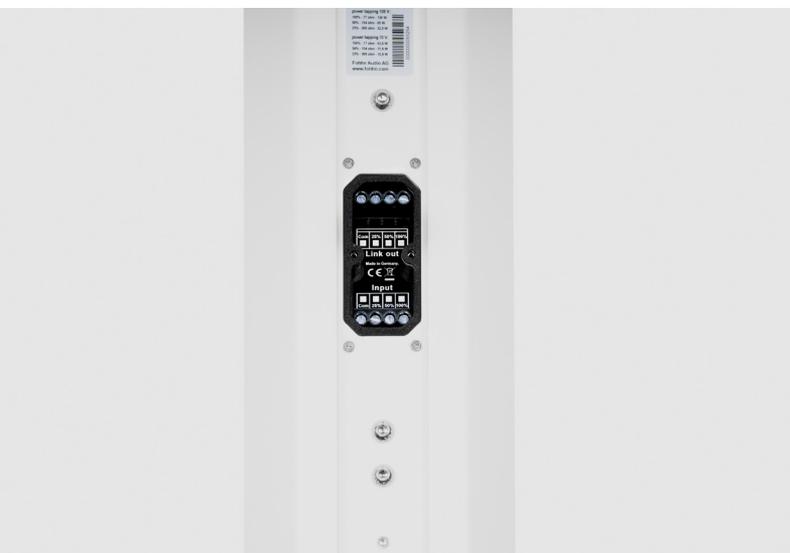


LINEA LC AT A GLANCE:

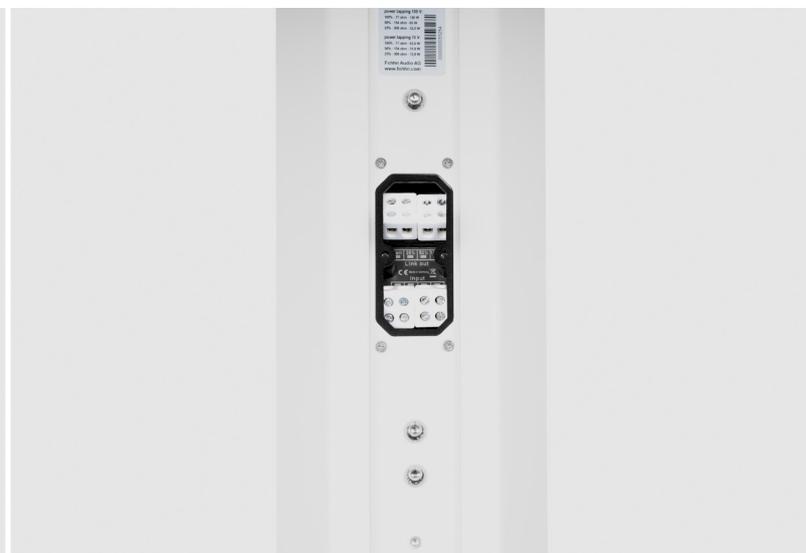
- Elegant designer line source speaker in cutting-edge aluminium enclosure
- Exceptionally even dispersion
- **“SIDE-LOBE-FREE”** – passive realization
- Equipped with specially developed high performance speakers
- Excellent speech intelligibility and sound quality, as well as a long reach
- Low impedance technology
- Weather resistant without requiring additional protection (protection class **IP54** in accordance with **IEC529/EN60529**)
- Ball impact resistant front grille, in enclosure colour, made from galvanised sheet steel
- Supplied in all RAL Classic colours – special colours (Pantone etc.) or exclusive photo-realistic decorative surfaces (**FOHNN® TEXTURE DESIGN**) available on request
- Innovative technology and outstanding quality – Made in Germany

EASIER CONNECTION

LINEA LC products are passive loudspeaker systems intended for use with external power amplifiers. They have a sophisticated, secure connection system for loudspeaker cabling and can be supplied with one of two connector types: The standard connector has 2 × 4 plastic terminal blocks, which are suitable for use with cable cross sections of up to 4 mm². As an option, the loudspeaker system can also be ordered with 2 × 4 ceramic terminal blocks, which are suitable for use with cable cross sections of up to 2.5 mm².



Standard connector with plastic terminal blocks



Optional connector with ceramic terminal blocks

Fohhn Linea LC
Passive column speakers



Datasheet

Model		LC-20	LC-60	LC-100	LC-150	LC-220
Electroacoustical features						
Acoustic design		weatherproof passive line source speaker system, closed, passive 2-way CD crossover and filter, suppression of side lobes by Source Division Waveguides (SDW)				
Number of 4" drivers with treated cones		2	6	8	12	18
2-way design		No	Yes	Yes	Yes	Yes
Power rating (nominal) [1]	W	60	180	240	360	440
Power rating (program) [2]	W	120	360	480	720	880
power rating (peak) [3]	W	240	720	960	1440	1760
Sensitivity [4]	dB SPL	93	97	98	100	101
Maximum SPL	dB SPL	117	125	127	131	133
Frequency range [5]	Hz	120 - 12000				
Nominal dispersion (hvx) [6.2]	Deg	130 x 60	130 x 25	130 x 15	130 x 14	130 x 14
Nominal impedance	Ohms	16	12	8	4	4
Mechanical features						
Housing		weatherproof aluminium housing, powder coated, steel bracings				
Mounting points		4xM6	8xM6	8xM6	8xM6	10xM6
Front design		ball impact resistant steel grille, galvanized and powder coated in enclosure colour, backed by acoustically transparent foam				
Protection class acc. to IEC529/EN60529		IP54				
Terminal		terminal connectors capable of receiving up to 4mm ² , two per pin, terminal cover with dual cable gland for up to 10mm cable diameter				
Weight [7]	kg	2,5	6	8	11,5	16
Width	mm	130	130	130	130	130
Depth	mm	120	120	120	120	120
Height	mm	230	640	990	1460	2200
Standard colours		black (RAL 9005) or white (RAL 9016)				
Optional features						
Custom colours		all RAL classic colours				
Weather protection		weatherproof without further protection as standard				
Terminal		ceramic terminals capable of receiving up to 2,5mm ²				
CAAD Simulation data		EASE, Ulysses, CLF				
Optional accessories						
Wallbracket WAL-1		x	x	x	x	x
Wallbracket WAL-03		x				
Wallbracket WLX-100			x	x	x	
Wallbracket WLX-220						x

All measurements normalized to freefield full-space conditions

[1] according to IEC-60268-5 long term

[2] according to IEC-60268-5 short term

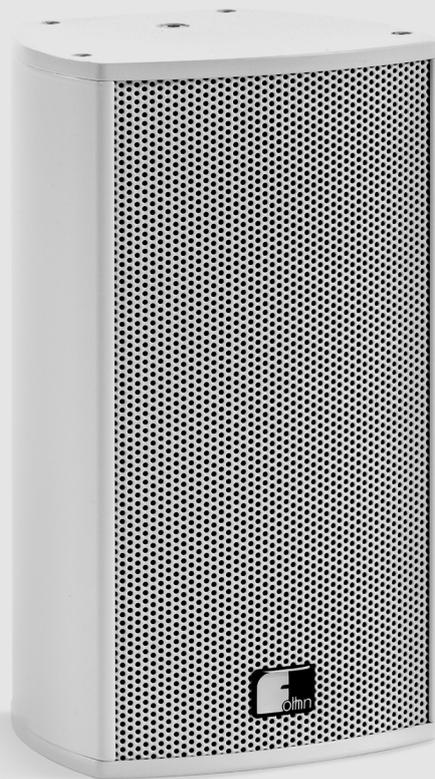
[3] Peak, 20 ms with bandpass filtered pink noise signal according to IEC 60268-2 at one octave above the lower limit of the frequency range

[4] 2,83 V at 8 ohms (2 V at 4 ohms, 3,46 V at 12 ohms, 4 V at 16 ohms) normalized to a distance of 1 meter

[5] -10 dB under anechoic halfspace-conditions

[6.2] horizontal x vertical at -6 dB, averaged 1-4 kHz

[7] net weight without optional equipment



LC-20

For more information on our loudspeaker systems, please visit our website or contact our planning engineers directly.

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