

Linea

SL-20 PoE+

Active loudspeaker with Power over Ethernet, 2 × 2.5" / 0.75"



Linea SL-20 PoE+

SL-20 PoE+ is perhaps the most compact loudspeaker system with Power over Ethernet. It is ideal for installations in voice transmission systems, for example in government buildings or conference rooms, for background music in the hospitality industry and for immersive audio applications. It is equipped with two 2.5" woofers and a dome tweeter. PoE+ technology reduces installation to a single network cable. This also delivers audio via Dante and enables remote control of the integrated Fohhn DSP and IT-friendly monitoring.

Main features

- Active system (Power over Ethernet)
- PoE+ power (30 W RMS)
- Lossless audio transmission with Dante, AES-67
- Easy installation with a single network cable
- Fohhn DSP inside (EQ, Delay,...)
- 2 × 2.5" woofer / 0.75" dome tweeter
- Special colors possible (RAL Classic, NCS, Pantone, Fohhn Texture Design)
- Flexible mounting thanks to continuous T-slot on the back
- 2 slot nuts included in scope of delivery
- Monitoring via UDP
- Easy integration into media control systems (Creston plug-in, Q-Sys)
- Suitable for immersive audio applications



Available with the following color options



Black



White

Equipped with the following Fohhn technologies



Fohhn Texture
Design



Fohhn DSP
inside



Special colors
optional



Auto Power
Save

Possible input interfaces for this product

 Dante™

For detailed information about all Fohhn technologies, color options and connections, please visit www.fohhn.com/en/technologies

Technical data

Electroacoustic features	
acoustic design	ultra-compact active 2-way nearfield loudspeaker
components	2 x 2.5" woofer / 0.75" dome tweeter
maximum SPL (1 m)	100 dB
frequency range	86 Hz – 20 kHz
nominal dispersion (h × v)	160° x 80°
Physical features	
enclosure	aluminum, powder coated
connectors	RJ-45
dimensions (w × h × d)	85 × 215 × 90 mm
weight	1.1 kg
standard colors	black (RAL 9005), white (RAL 9016)
protection class acc. to IEC529/EN60529	IP 42
front design	front grille in enclosure color
protection grille	Steel grille, powder coated, backed with acoustically transparent 3D mesh
mounting points	continuous T-slot at the rear
Optional features	
special colors	RAL Classic / NCS / Pantone on request, Fohhn Texture Design
CAAD simulation data	
simulation data	EASE, CLF, Fohhn Designer

Electronic features	
storage temperature	-10 – 70°C
relative humidity	max. 90 %, non-condensing
amplifier type	Pure Path Digital PWM
support for AES67	yes
DSP channels, Fohhn Audio DSP	2
amplifier power	2 x 70 W Peak
frequency response	20 Hz – 20 kHz
input sensitivity	0 dBFS
signal/noise ratio	> 103 dB (A-gewichtet)
password protection	yes
auto power save	adjustable from 1 s to 12 h, or never active
protective circuit	overvoltage protection, overcurrent protection, overtemperature protection, short circuit protection, DC protection, power-on delay, soft start and inrush current limitation
power supply	Power over Ethernet up to 30 W (PoE+)
power consumption	30 W max / 5.5 W idle / 3.3 W standby
operating temperature	0 – 40 °C
cooling	fanless, passive

Controller	
selective 9-band limiting	Bass / mid / high for sum, tweeter and woofer each
FIR filter	yes
gain	-80 dB – +12 dB
volume	-80 dB – +12 dB
EQ input	10 fully parametric filters, Gain +/-12 dB, Frequency 10 Hz – 20 kHz, Q 0.1 – 100
EQ output	10 fully parametric filters, Gain +/-12 dB, Frequency 10 Hz – 20 kHz, Q 0.1 – 100
selective 3-band limiting	bass / mid / high
limiter / compressor	yes
noise gate	yes
X-over	yes
delay input	0 – 200 ms (0 – 70 m)
delay output	0 – 375 ms (0 – 130 m)
user presets	100
system latency	Dante + 1,2 ms
filter technology	80-bit double precision

Inputs and outputs	
audio inputs	1 x 100Base-TX Ethernet (RJ-45) for Dante Audio, Power over Ethernet (PoE+ IEEE 802.3at) und control

Remote control and remote monitoring

remote control	Fohhn Audio Soft, Fohhn Net over IP
remote monitoring	temperature, protect, signals, power supply, Fohhn Net, Fohhn Audio Soft, impedance- / loudspeaker monitoring
integration in media control	UDP text protocol, Q-SYS Plugin available, Fohhn Gateway

Display

power on / off (standby)	yes
network control	yes

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

frequency range: -10 dB under anechoic halfspace-conditions with speaker preset

weight: net weight without optional equipment

nominal dispersion: horizontal × vertical at -6 dB

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