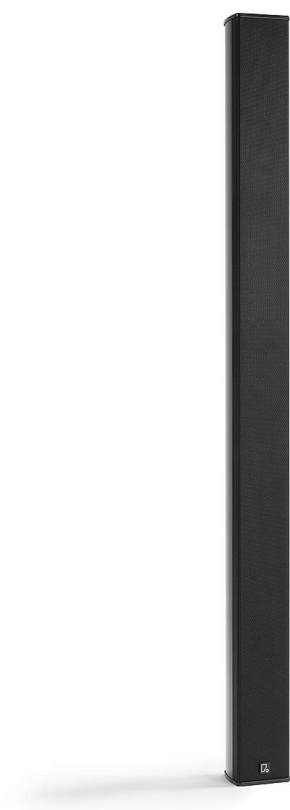


Focus Slim

FS-110

有源、纤细的线声源扬声器，带波束导向，8×2.5"宽频带单元，
最大声压级：117dB, 85 × 1100 × 90 mm



Analog

 Dante™

Focus Slim FS-110

FS-110是一款超轻薄的有源线路扬声器，Fohhn Beam Steering Technology。这样就可以通过转动鼠标滚轮来控制声束。Focus Slim 系列使这一世界知名的Fohhn技术对小型和对价格敏感的项目具有吸引力。由于水晶般清晰的语音传输，这些系统是高级会议室、演讲厅和中小型教室的理想选择。

Main features

- 8 × 2.5" 宽频带单元，带同轴Fohhn衍射波导
- 8路集成Fohhn DSP放大器，每路75W
- 最大声压级：117db
- 集成式低音反射系统
- 140°的极宽水平覆盖角度
- 可通过Fohhn Audio Soft实时控制垂直覆盖角度
- 垂直波束宽度：0°到90°，声音倾斜角度：-40°到+40°（以0.1°为单位步进调整）。
- 发声中心点可在整个扬声器上移位
- Fohhn双波束技术（两个独立的分散波束）
- Fohhn无旁瓣技术（旁瓣抑制）
- 有模拟输入+Dante
- 可使用Q-Sys和快思聪插件
- 由于后面有T型槽，安装灵活
- 只有8.5厘米宽

有以下颜色可供选择



黑色



白

配备了以下Fohhn技术



Fohhn Texture Design



Fohhn Beam Steering Technology



Fohhn DSP 内幕



特殊颜色可选



自动省电模式

该产品可能的输入接口

Analog

Dante™

技术数据

Electroacoustic features	
acoustic design	Ultra-compact, electronically controllable line source system, bass reflex
components	8 × 2.5" broadband chassis, water-repellent membrane, with coaxial Fohhn diffraction waveguide
maximum SPL	117 dB
frequency range	62 Hz – 17 kHz
operational mode	active, 8 × DSP amplifier, Class-D
nominal dispersion, horizontal	140°
vertical beam width, digitally controlled	0° to +90° in 0.1° increments
vertical inclination angle, digitally controlled	–40° to +40° in 0.1° increments
acoustic centre	both beams moveable between 0 – 100 % (from speaker bottom to top)
Physical features	
enclosure	aluminum, powder coated
connectors	Dante audio and control with 100Base-TX Ethernet, analog input, mains power, USB-C Config for local configuration
Dimensions without / incl. connection cover (w x h x d)	85 × 1100 × 90 / 100 mm
weight	5.8 kg
standard colours	black or white powder coated
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 rear
Optional features	
optional colours	RAL Classic / NCS / Pantone on request, Fohhn Texture Design

Electronic features	
amplifier type	Pure Path Digital PWM
support for AES67	yes
DSP channels, Fohhn Audio DSP	8
amplifier power	8 × 75 W
frequency response	20 Hz – 20 kHz
gain	25 dB
input sensitivity	0 dBFS / +4,2 dBV
signal/noise ratio	> 103 dB (A-weighted)
THD+N	0.08 % (1 kHz, 8 ohms, 3 dB below clipping)
dynamic range	> 120 dB
password protection	yes
auto power save	adjustable from 1 s to 12 h, or never active
protective circuit	over voltage protection, over current protection, over temperature protection, short-circuit protection, DC protection, power on delay, soft start and inrush current limit
power supply	100 – 240 V AC 50/60 Hz, universal power supply with power factor correction (PFC)
power consumption	200 W, Idle 15 W, Auto Power Save 4 W, Standby 3 W
power factor (PFC)	> 90 %
temperature range	0 – 40 °C
cooling	fanless, passive
Controller	
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	2 × input, 1 × output
noise gate	2 × input, 1 × output
X-over	Linkwitz-Riley 4th order (24 dB/octave), high pass 10 Hz – 20 kHz, low pass 10 Hz – 20 kHz, each 2 × input, 1 × output
delay input	0 – 350 ms (0 – 120 m)
delay output	0 – 640 ms (0 – 220 m)
user presets	100
simulation beam	Fohhn Net, Fohhn Audio Soft
system latency	Dante + 1.2 ms
band-specific time constants	yes
filter technology	80-bit double precision

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
integration in media control	UDP text protocol, Q-SYS Plugin available

Connections and controls

inputs & control	1 × 100Base-TX Ethernet (RJ-45) for Dante audio and control, 1 × terminal for analog audio, balanced 1 × USB-C for control
mains connection	1 × 3-pin terminal (4.0 mm ² rigid / 2.5 mm ² flex)

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