

Airea

LX-60 ASX

用于音乐和语音的有源线路扬声器，带Fohhn Aireal, 4 × 4" / 1",
W, 119 dB SPL max., 130 × 640 × 120 mm



Airea LX-60 ASX

是Fohhn公司的有源两分频线声源扬声器。 LX-60 ASX是Fohhn系统中的一个有源两分频线上扬声器。 Airea系统的一个有源2路声源扬声器。它通过一根网线连接到 Airea矩阵AM-4.4 ，提供电源电压以及数字音频和控制信号。它保证了世界一流的语音和音乐播放。 LX-60 ASX保证在一个复杂的全数字音频网络中播放世界一流的语音和音乐：Fohhn Airea.

Main features

- 4×4 "长振幅驱动器，1×1 "压缩驱动器在波导上
- 高音和中音可以用双通道放大器分别控制
- 广泛的DSP和路由选项通过Fohhn Audio Soft
- Airea 净负荷：100W
- 覆盖角度：130°×30° (H×V)
- 连接。 2 × RJ-45 (FohhnAirea)
- 只需要一根CAT电缆
- Q-SYS插件可用于Fohhn NA-4 或 ABX-6。
- 可根据要求提供RAL经典色、NCS色或Pantone色
- 为固定和临时安装提供多种安装选择

有以下颜色可供选择



黑色



白

配备了以下Fohhn技术



**Fohhn Texture
Design**



傅汉文**Airea**



特殊颜色可选

该产品可能的输入接口

AIREA®

技术数据

Electroacoustic features	
acoustic design	active hybrid line source speaker system, 2-way
components	4 × 4" long excursion with treated cones, 1 × 1" compression driver on Fohhn-Waveguide, fully neodymium
maximum SPL	119 dB
operational mode	active, 2 × Class-D DSP amplifier
frequency range	75 Hz – 20 kHz
2-way design	yes
nominal dispersion (h × v)	130° × 30°

Physical features	
enclosure	aluminum
connectors	2 × RJ-45
dimensions (w × h × d)	130 × 640 × 120 mm
weight	4.4 kg
standard colours	black or white powder coating
front design	metal grille in enclosure colour, backed by acoustically transparent foam
protection grille	steel grille, ball impact resistant, powder-coated
mounting points	8 × M6 thread

Optional features	
optional colours	RAL Classic / NCS / Pantone on request, Fohhn Texture Design

CAAD simulation data	
simulation data	EASE, Fohhn Designer

Electronic features	
amplifier type	Pure Path Digital PWM
DSP	Fohhn Audio DSP
audio inputs	2 independent audio channels, AES/EBU 32 kHz – 96 kHz, 16/24 Bit
audio outputs	2 × 300 W intern
amplifier power	2 × 300 W
frequency response	20 Hz – 20 kHz
gain	30 dB
input sensitivity	–6 dB Fullscale
signal/noise ratio	>105 dB/A
THD	
protective circuit	soft start, overtemperature, short circuit, overload
power supply	Airea Net 50 V
power consumption	Standby 5 W, Airea Net Load 100 W
power factor (PFC)	> 90 %
protection	integrated semiconductor fuse
low power	Green Power Standby Mode
emergency current	with external USV
heat dissipation	100 W, 340 BTU/h, 86 kcal/h
temperature range	0 – 40°C
cooling	passive
weight (electronics)	0.3 kg

Controller	
digital signal processors	2
independent limiters	4
FIR filter	yes
gain	-80 dB – +12 dB
volume	-80 dB – +12 dB
EQ	10-band parametric EQ, gain, +/-12 dB, frequency 10 – 20 kHz, Q 0.1 – 100
selective 3-band limiting	bass / mid / high
limiter / compressor	yes
noise gate	yes
delay	0 – 145 ms (0 – 50 m)
X-over	Linkwitz-Riley 4. Ordnung (24 dB/Oktave), Highpass 10 Hz – 20 kHz, Lowpass 10 Hz – 20 kHz
user presets	100
system latency	0,95 ms
band-specific time constants	yes
filter technology	56-bit double precision
input	AES/ABU 32 kHz – 96 kHz, 16/24 Bit

Remote control and remote monitoring	
remote control	Airea-Net, Fohhn Audio Soft
remote monitoring	temperature, protect, signals, power supply, Fohhn-Net, Fohhn Audio Soft, AES/EBU available

Display LEDs	
sign, identification front LED	blue, blue flashing
network control	receive/send remote control LED
power on / off (standby)	green = on, red = standby, red / green flashing = fault
sign, identification	blue, blue flashing

额定功率（峰值）；最大声压级：峰值，20毫秒，带通滤波粉红噪声信号，符合IEC 60268-2标准，频率范围下限以上一个八度，扬声器预设
 频率范围：-10分贝，在消声半空间条件下，扬声器预设
 重量：净重，不含可选设备
 散热：粉红噪声，6分贝波峰，1/4 Pmax
 标称频散：与主频散轴相比，平均1-4kHz，-6dB

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