



Airea

LX-20 ASX

用于音乐和语音的有源近场扬声器，带FohhnAirea, 2 × 4" / 0.75" W, 116 dB SPL max, 130 × 232 × 120 mm.



Airea LX-20 ASX

LX-20 ASX 是Fohhn系统的一款紧凑型有源两路近场扬声器。Airea系统。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。LX-20 ASX 保证了在一个复杂的全数字音频网络中播放世界级的语音和音乐：Fohhn Airea.

Main features

- 2 × 4 "长振幅驱动器和0.75 "球顶型高音扬声器
- 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° × 80° (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	compact, active nearfield loudspeaker, 2-way
components	2 × 4" / 0.75" dome tweeter, fully neodymium
maximum SPL	116 dB
operational mode	active, 2 × Class-D DSP amplifier
frequency range	80 Hz – 20 kHz
2-way design	yes
nominal dispersion (h × v)	130° × 80°

Physical features	
enclosure	aluminum
connectors	1 × RJ-45 in, 1 × RJ-45 link out
dimensions (w × h × d)	130 × 232 × 120 mm
weight	1.9 kg
standard colours	black or white powder coating
front design	metal grille in enclosure colour
protection grille	steel grille, ball impact resistant, powder-coated
mounting points	4 × 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 internal
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 extern 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. order, 24 dB/octave, high pass 10 Hz – 20 kHz, low pass 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/EBU 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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