

Airea

AM-4.4

FohhnAirea 矩阵，最多可提供16个Airea 扬声器，1个U，1/2个19"。



Analog

AES/EBU

AIREA®

Dante™

Airea AM-4.4

Airea 矩阵AM-4.4 是FohhnAirea 有源扬声器的中央接口。它既有4×8的DSP混合矩阵，又有Fohhn DSP，还有4个FohhnAirea 供电输出，最多可容纳16个扬声器。通过Fohhn Net输入或USB-C插座可以进行远程控制和监控。



Main features

- 4×8混合矩阵
- 有2种型号可供选择。模拟输入 (AM-4.4 ANA) 或Dante 输入 (AM-4.4 DAN)
- 通过FohhnAirea 连接的2通道AES/EBU 输入
- Fohhn Airea 供电输出（4 × 200W Airea净负荷）。
- Fohhn DSP 包含对每个输入和输出通道
- 两个开关触点输入用于简单集成
- Q-SYS插件可用于Fohhn NA-4 或 ABX-6。
- 9.5"，1U外壳，带状态LED灯
- 包括机架的安装支架

有以下颜色可供选择



黑色

配备了以下Fohhn技术



傅汉文Airea



Fohhn DSP 内幕

该产品可能的输入接口

Analog

AES/EBU

AIREA

Dante

技术数据

Physical features	
dimensions (w × h × d)	211 × 45 × 330 mm, 1 HE / 1/2 19"
weight	2,05 kg
Electronic features	
system latency	1.2 ms
DSP routing (matrix)	4 × 8
frequency response	5 Hz – 20 kHz
signal/noise ratio	>140 dB/A
THD+N	0,00005%
dynamic range	>140 dB
password protection	yes
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)
Airea Net Load total	4 × 200 W
power consumption	Maximum (RMS) 500 W, Standby 5 W
heat dissipation	Max. 15 W, 51 BTU/h, 13 kcal/h
temperature range	0 – 40° C
cooling	temperature controlled fan
Controller	
digital signal processors	1
independent limiters	12
FIR filter	yes
input gain	–80 dB – +12 dB
routing gain	–80 dB – +12 dB
output gain	–80 dB – +12 dB
EQ	10-band parametric EQ, gain, +/-12 dB, frequency 10 – 20 kHz, Q 0.1 – 100
limiter / compressor	12
noise gate	12
delay	highpass 10 Hz – 20 kHz, lowpass 10 Hz – 20 kHz, 8 × 0 – 72 ms, (0 – 25 m) outputs, 4 × 0 – 30 ms, (0 – 10 m) inputs
X-over	8 × Linkwitz/Riley 4th order, 24dB/oktave
user presets	100
filter technology	80-bit double precision
input DSP processing	yes

Remote control and remote monitoring	
remote control	Fohhn Net over RS-485, USB-C
remote monitoring	temperature, protect, power supply
switching contact	Load Preset, Standby On/Off

Connections and controls	
mains connection	1 × C14 IEC socket
switching contact 1 and 2	1 × phoenix 3-pin
outputs	4 × RJ45, Fohhn Airea powered
USB Config	1 × USB-C socket

Display (rear)	
receive / send LED	remote control

Input interface analog	
inputs	4 × analog
signal inputs	analog, max. signal +18 dBu, phantompower (24 V DC) switchable
THD	
S/N ratio	> 108 dB/A
latency	1,0 ms
frequency response	20 Hz – 20 kHz
input impedance	10 kOhms

重量：不含可选设备的净重
 散热：粉红噪声，6dB波峰，1/4 Pmax

输入接口 Dante (DAN)

Input interface Dante (DAN)	
inputs	1 × RJ-45 100BASE-T Ethernet, Dante, 4 × 48 kHz
latency	Dante + 0.6 ms
support for AES67	yes



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