

Airea

AM-4.4

Fohhn Airia matrix, forsyner op til 16 Airia-højttalere, 1 U, 1/2 19"



Analog

AES/EBU

AIREA

 **Dante™**

Airea AM-4.4

Airea matrix AM-4.4 er den centrale grænseflade til Fohhn Airia aktive højttalere. Den har både en 4 × 8 DSP-matrix med Fohhn DSP og 4 Fohhn Airia Powered outputs til op til 16 højttalere. Fjernstyring og overvågning er mulig via Fohhn Net-indgangen eller USB-C-stikket.



Main features

- 4 × 8 mix matrix
- 2 varianter er tilgængelige: Med analoge indgange (AM-4.4 ANA) eller Dante Input (AM-4.4 DAN)
- 2-kanals AES/EBU -indgang via Fohhn Airia connect
- Fohhn Airia drevne udgange (4 × 200 W Airia net load)
- Fohhn DSP for hver ind- og udgangskanal
- To switch kontakter for enkel integration og styring
- Q-SYS Plugin fås i kombination med Fohhn NA-4 eller ABX-6
- 9,5", 1U HE chassis med status-LED'er
- Monteringsbeslag til rack medfølger

Fås med følgende farvevarianter



Sort



Udstyret med følgende Fohhn-teknologier



Fohhn Airia



Fohhn DSP inde på

Mulige indgangsinterfaces for dette produkt

Analog

AES/EBU

AIREA

Dante

Tekniske data

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 Airex powered
USB Config	1 × USB-C socket

Display (rear)

receive / send LED	remote control
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Input interface analog

inputs	4 × analog
signal inputs	analog, max. signal +18 dBu, phantom power (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

vægt: nettovægt uden ekstraudstyr

varmeafgivelse: lyserød støj, 6 dB crest, 1/4 Pmax

Indgangsgrænseflade 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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