



Airea

AM-4.4

Fohhn Airea matrix, forsyner op til 16 Airea-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 Airea aktive højttalere. Den har både en 4 × 8 DSP-matrix med Fohhn DSP og 4 Fohhn Airea 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 Airea connect
- Fohhn Airea drevne udgange (4 × 200 W Airea 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 Airea



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 Airea powered
USB Config	1 × USB-C socket

Display (rear)

receive / send LED	remote control
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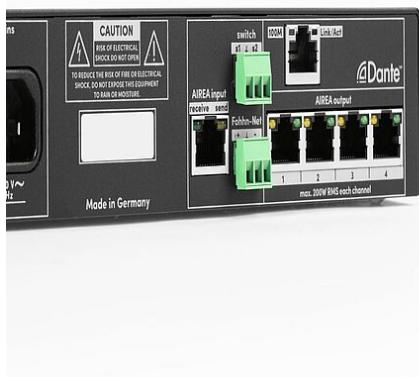
Input interface analog

inputs	4 × analog
signal inputs	analog, max. signal +18 dBu, 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

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	yes AES67

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