

Airea

AAX-2.300

Airea amplifier extension, 2 × 300 W DSP amp, input: Fohhn Aireal (RJ-45); outputs: 2 × Speakon, Fohhn Aireal (RJ-45)



Airea AAX-2.300

The AAX-2.300 is an amplifier module that allows passive speakers to be integrated into a Fohhn Airia system.



Main features

- Connection: Fohhn Airia (RJ-45 network connector)
- Speaker outputs: 2 × Speakon
- Amplifier power: 2 × 300 W (4 ohms)
- Power consumption: via Fohhn Airia, net load max. 200 W
- Digital DSP amplifier (type Pure Path Digital)
- Q-SYS Plugin available in combination with Fohhn NA-4 or ABX-6

Available with the following color options



Black



Equipped with the following Fohhn technologies



Fohhn Airia



Fohhn DSP
inside

Possible input interfaces for this product

AIREA®

For detailed information about all Fohhn technologies, color options and connections, please visit www.fohhn.com/en/technologies

Technical data

Physical features	
dimensions (w × h × d)	170 × 60 × 130 mm
Electronic features	
amplifier technology	Pure Path Digital PWM
input sensitivity	−6 V>
audio inputs	2 independent audio channels, AES/EBU 32 kHz – 96 kHz, 16/24 Bit
audio outputs	2 × 300 W to 2 × Speakon
frequency response	20 Hz – 20 kHz
gain	30 dB
signal/noise ratio	>105 dB/A
THD	<0,05 % typ., <0,01 % 1 kHz −6 dB
protective circuit	soft start, overtemperature, short circuit, overload
power supply	Airea-Net 48 V
power consumption	Standby 5 W, AIREA-Net Load max. 200 W
protection	integrated semiconductor fuse
low power	Green Power Standby Mode
emergency current	with extern USV
heat dissipation	40 W, 135 BTU/h, 34 kcal/h (Pink Noise, 6 dB crest, 1/4 Pmax)
cooling	passive
output power	2 × 300 W
minimum impedance	4 ohms

Controller	
digital signal processors	4
independent limiters	8
FIR filter	yes
gain	-80 dB – +12 dB
volume	-80 dB – +12 dB
EQ	2 × 10 fully parametric filters, gain +/-12 dB, frequency 10 Hz – 20 kHz, Q 0.1 – 100
selective 3-band limiting	bass / mid / high
limiter / compressor	2
noise gate	2
delay	2 × 0 – 72 ms (0 – 25 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
band-specific time constants	yes
filter technology	56-bit double precision
input	AES/EBU 32 kHz – 96 kHz, 16/24 Bit

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

heat dissipation: pink noise, 6 dB crest, 1/4 Pmax

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