

# Airea

## AAX-2.300

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

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**

# Technical data

## Physical features

dimensions (W × H × D)	170 × 60 × 130 mm
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## Electronic features

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

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