

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 Aireia system.



Main features

- Connection: Fohhn Aireia (RJ-45 network connector)
- Speaker outputs: 2 × Speakon
- Amplifier power: 2 × 300 W (4 ohms)
- Power consumption: via Fohhn Aireia, 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 Aireia



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

Fohhn Audio AG
Großer Forst 15
72622 Nuertingen
Germany

Phone +49 7022 93323-0
Fax +49 7022 93324-0
www.fohhn.com
info@fohhn.com

