

# Airea

## AS-22 ASX

Aktiv subwoofer med Fohhn Airea, 12", 119 dB SPL max., 520 × 420 × 430 mm



# Airea AS-22 ASX

The AS-22 ASX er den kraftigste, aktive subwoofer i Fohhn Airea system. Den er forbundet via et netværkskabel til Airea matrix AM-4.4, som leverer netspændingen samt digitale lyd- og styresignaler. Den supplerer perfekt seriens nearfield-højttalere og line source-højttalere i den lave ende.



## Main features

- 12" long excursion driver
- Airea net load: 200 W
- Omfattende DSP- og routing-muligheder via Fohhn Audio Soft
- Tilslutninger: 2 x RJ-45 (Fohhn Airea)
- Kræver kun et enkelt CAT-kabel
- Q-SYS Plugin fås i kombination med Fohhn NA-4 eller ABX-6
- Trækabinet af høj kvalitet (multiplex birkekrydsfiner)
- Kan fås med vejrbestandig PU-belægning som ekstraudstyr
- Kan fås i RAL Classic, NCS eller Pantone-farver på forespørgsel
- Forskellige monteringsmuligheder til faste og midlertidige installationer



Fås med følgende farvevarianter



Sort



Hvid

Udstyret med følgende Fohhn-teknologier



Fohhn Airea



Særlige farver  
valgfrit

Mulige indgangsinterfaces for dette produkt

**AIREA®**

# Tekniske data

| Electroacoustic features  |                                      |
|---------------------------|--------------------------------------|
| acoustic design           | ultra-compact subwoofer, bass reflex |
| components                | 1 × 12" long excursion               |
| maximum SPL               | 119 dB                               |
| cut-off frequency         | 38 Hz                                |
| upper crossover frequency | 90 / 110 / 130 Hz                    |

| Physical features      |                                                    |
|------------------------|----------------------------------------------------|
| enclosure              | multiplex birch plywood                            |
| connectors             | 2 × RJ-45                                          |
| dimensions (w × h × d) | 520 × 420 × 430 mm                                 |
| weight                 | 24 kg                                              |
| standard colours       | textured paint, black                              |
| front design           | acoustic foam in enclosure colour                  |
| protection grille      | steel grille, ball impact resistant, powder-coated |
| mounting points        | 6 × M6 thread                                      |

| Optional features |                                        |
|-------------------|----------------------------------------|
| optional colours  | RAL Classic / NCS / Pantone on request |

|                              |                                                                                          |
|------------------------------|------------------------------------------------------------------------------------------|
| <b>Electronic features</b>   |                                                                                          |
| amplifier type               | Pure Path Digital PWM                                                                    |
| DSP                          | Fohhn Audio DSP                                                                          |
| audio inputs                 | 2 independent audio channels, AES/EBU 32 kHz – 96 kHz, 16/24 Bit                         |
| audio outputs                | 2 × 300 W intern                                                                         |
| amplifier power              | 2 × 300 W                                                                                |
| frequency response           | 20 Hz – 20 kHz                                                                           |
| gain                         | 30 dB                                                                                    |
| signal/noise ratio           | –6 dB Fullscale                                                                          |
| THD                          |                                                                                          |
| protective circuit           | soft start, overtemperature, short circuit, overload                                     |
| power supply                 | Airea Net 50 V                                                                           |
| power consumption            | Standby 5 W, Airea Net Load 200 W                                                        |
| power factor (PFC)           | > 90 %                                                                                   |
| protection                   | integrated semiconductor fuse                                                            |
| low power                    | Green Power Standby Mode                                                                 |
| emergency current            | with extern USV                                                                          |
| heat dissipation             | 200 W, 680 BTU/h, 172 kcal/h                                                             |
| temperature range            | 0 – 40°C                                                                                 |
| cooling                      | passive                                                                                  |
| weight (electronics)         | 0.3 kg                                                                                   |
| <b>Controller</b>            |                                                                                          |
| digital signal processors    | 2                                                                                        |
| independent limiters         | 4                                                                                        |
| FIR filter                   | yes                                                                                      |
| gain                         | –80 dB – +12 dB                                                                          |
| volume                       | –80 dB – +12 dB                                                                          |
| EQ                           | 10-band parametric EQ, gain, +/-12 dB, frequency 10 – 20 kHz, Q 0.1 – 100                |
| selective 3-band limiting    | bass / mid / high                                                                        |
| limiter / compressor         | yes                                                                                      |
| noise gate                   | yes                                                                                      |
| delay                        | 0 – 145 ms (0 – 50 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                                                                                      |
| system latency               | 0,95 ms                                                                                  |
| band-specific time constants | yes                                                                                      |
| filter technology            | 56-bit double precision                                                                  |
| input                        | AES/EBU 32 kHz – 96 kHz, 16/24 Bit                                                       |

## Remote control and remote monitoring

|                   |                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------|
| remote control    | Airea-Net, Fohhn Audio Soft                                                                 |
| remote monitoring | temperature, protect, signals, power supply, Fohhn-Net, Fohhn Audio Soft, AES/EBU available |
| simulation beam   | Bassarray                                                                                   |

## Display LEDs

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

nominel effekt (peak); maksimal SPL: peak, 20 ms med båndpasfilteret lyserødt støjsignal i henhold til IEC 60268-2 ved en oktav over frekvensområdets nedre grænse, med højttalerforindstilling

vægt: nettovægt uden ekstraudstyr

grænsefrekvens: -10 dB under ekkofrie halvrumsforhold med højttalerforindstilling

varmeafgivelse: lyserød støj, 6 dB crest, 1/4 P<sub>max</sub>

**Fohhn Audio AG**  
**Großer Forst 15**  
**72622 Nuertingen**  
**Tyskland**

**Telefon +49 7022 93323-0**  
**Fax +49 7022 93324-0**  
**[www.fohhn.com](http://www.fohhn.com)**  
**[info@fohhn.com](mailto:info@fohhn.com)**

