

Focus Slim

FS-150

Altavoz activo de fuente de línea delgada con dirección de haz, chasis de banda ancha de 12 × 2,5", 121 dB máx. SPL, 85 × 1500 × 90 mm



Analog

 Dante™

Focus Slim FS-150

FS-150 es un altavoz de fuente de línea activo extraplano con Fohhn Beam Steering Technology. Permite controlar el haz de sonido girando la rueda del ratón. La serie Focus Slim hace que esta tecnología de Fohhn de renombre mundial resulte atractiva para proyectos más pequeños y sensibles al precio. Gracias a la transmisión de voz cristalina, los sistemas son ideales para salas de conferencias de alto nivel, aulas y pequeñas y medianas iglesias.

Main features

- Chasis de banda ancha de 12 × 2,5" con guías de ondas de difracción coaxiales Fohhn
- 12 amplificadores integrados Fohhn DSP de 75 W cada uno
- 121 dB máx. SPL
- Sistema bass reflex integrado
- Dispersión horizontal muy amplia de 140°
- Dispersión vertical controlable en tiempo real mediante Fohhn Audio Soft
- Ancho del haz vertical: de 0° a 90°, ángulo de inclinación del sonido: de -40° a +40° (ajustado en incrementos de 0,1°)
- Centro acústico desplazable en toda la longitud de la línea
- Tecnología Fohhn Two Beam (dos haces de dispersión independientes)
- Tecnología Fohhn Side Lobe Free (supresión de lóbulos laterales)
- Con entradas analógicas + Dante
- Plug-ins Q-Sys y Crestron disponibles
- Montaje flexible gracias a la ranura en T de la parte trasera
- Sólo 8,5 cm de ancho

Disponible con las siguientes opciones de color



Negro



Blanco

Equipado con las siguientes tecnologías Fohhn



Fohhn Texture
Design



Fohhn Beam
Steering
Technology



Fohhn DSP
dentro de



Colores
especiales
opcionales



Auto Power
Save

Posibles interfaces de entrada para este producto

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Datos técnicos

Electroacoustic features	
acoustic design	Ultra-compact, electronically controllable line source system, bass reflex
components	12 × 2.5" broadband chassis, water-repellent membrane, with coaxial Fohhn diffraction waveguide
maximum SPL	121 dB
frequency range	62 Hz – 17 kHz
operational mode	active, 12 × DSP amplifier, Class-D
nominal dispersion, horizontal	140°
vertical beam width, digitally controlled	0° to +90° in 0.1° increments
vertical inclination angle, digitally controlled	–40° to +40° in 0.1° increments
acoustic centre	both beams moveable between 0 – 100 % (from speaker bottom to top)
Physical features	
enclosure	aluminum, powder coated
connectors	Dante audio and control with 100Base-TX Ethernet, analog input, mains power, USB-C Config for local configuration
Dimensions without / incl. connection cover (w x h x d)	85 × 1500 × 90 / 100 mm
weight	7.9 kg
standard colours	black or white powder coated
front design	Front grille in enclosure color
protection grille	Steel grille, powder coated, backed with acoustically transparent 3D mesh
mounting points	continuous T-slot at rear
Optional features	
optional colours	RAL Classic / NCS / Pantone on request, Fohhn Texture Design

Electronic features	
amplifier type	Pure Path Digital PWM
support for AES67	yes
DSP channels, Fohhn Audio DSP	12
amplifier power	12 × 75 W
frequency response	20 Hz – 20 kHz
gain	25 dB
input sensitivity	0 dBFS / +4,2 dBV
signal/noise ratio	> 103 dB (A-weighted)
THD+N	0.08 % (1 kHz, 8 ohms, 3 dB below clipping)
dynamic range	> 120 dB
password protection	yes
auto power save	adjustable from 1 s to 12 h, or never active
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)
power consumption	300 W, Idle 20 W, Auto Power Save 4 W, Standby 3 W
power factor (PFC)	> 90 %
temperature range	0 – 40 °C
cooling	fanless, passive
Controller	
FIR filter	yes
gain	–80 dB – +12 dB
volume	–80 dB – +12 dB
EQ input	10 fully parametric filters, Gain +/-12 dB, Frequency 10 Hz – 20 kHz, Q 0.1 – 100
EQ output	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 × input, 1 × output
noise gate	2 × input, 1 × output
X-over	Linkwitz-Riley 4th order (24 dB/octave), high pass 10 Hz – 20 kHz, low pass 10 Hz – 20 kHz, each 2 × input, 1 × output
delay input	0 – 350 ms (0 – 120 m)
delay output	0 – 640 ms (0 – 220 m)
user presets	100
simulation beam	Fohhn Net, Fohhn Audio Soft
system latency	Dante + 1.2 ms
band-specific time constants	yes
filter technology	80-bit double precision

Remote control and remote monitoring

remote control	Fohhn Audio Soft, Fohhn Net over IP
remote monitoring	temperature, protect, signals, power supply, Fohhn Net, Fohhn Audio Soft
integration in media control	UDP text protocol, Q-SYS Plugin available

Connections and controls

inputs & control	1 × 100Base-TX Ethernet (RJ-45) for Dante audio and control, 1 × terminal for analog audio, balanced 1 × USB-C for control
mains connection	1 × 3-pin terminal (4.0 mm ² rigid / 2.5 mm ² flex)

Fohhn Audio AG
Großer Forst 15
72622 Nuertingen
Alemania

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

