

Focus Slim

FS-70

Diffusore attivo di linea sottile con direzione del fascio, telaio a banda larga 4 × 2,5", 111 dB max. SPL, 85 × 700 × 90 mm



Analog

 Dante™

Focus Slim FS-70

L'FS-70 è un diffusore attivo di linea extra sottile, con Fohhn Beam Steering Technology. Questo permette di controllare il fascio sonoro ruotando la rotella del mouse. La serie Focus Slim rende la tecnologia Fohhn, rinomata in tutto il mondo, interessante per i progetti più piccoli e più sensibili al prezzo. Grazie alla trasmissione cristallina del parlato, i sistemi sono ideali per sale conferenze di alta classe, aule e chiese di piccole e medie dimensioni.



Main features

- Telaio a banda larga 4 × 2,5" con guide d'onda di diffrazione Fohhn coassiali
- 4 amplificatori integrati Fohhn DSP da 75 W ciascuno
- 111 dB max. SPL
- Sistema bass reflex integrato
- Dispersione orizzontale molto ampia di 140°
- Dispersione verticale controllabile in tempo reale tramite Fohhn Audio Soft
- Larghezza del fascio verticale: da 0° a 90°, angolo di inclinazione del suono: da -40° a +40° (regolato con incrementi di 0,1°)
- Centro acustico posizionabile su tutta la lunghezza degli speaker
- Tecnologia Fohhn a due beam (due beam completamente indipendenti)
- Tecnologia Fohhn Side Lobe Free (soppressione dei lobi laterali)
- Con ingressi analogici + Dante
- Disponibilità di plug-in Q-Sys e Crestron
- Montaggio flessibile grazie alla scanalatura a T sul retro
- Solo 8,5 cm di larghezza



Disponibile con le seguenti opzioni di colore



Nero



Bianco

Dotato delle seguenti tecnologie Fohhn



Fohhn Texture
Design



Fohhn Beam
Steering
Technology



Fohhn DSP
all'interno



Colori speciali
opzionali



Auto Power
Save

Possibili interfacce di ingresso per questo prodotto

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Dati tecnici

Electroacoustic features	
acoustic design	Ultra-compact, electronically controllable line source system, bass reflex
components	4 × 2.5" broadband chassis, water-repellent membrane, with coaxial Fohhn diffraction waveguide
maximum SPL	111 dB
frequency range	62 Hz – 17 kHz
operational mode	active, 4 × 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 × 700 × 90 / 100 mm
weight	3.9 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	4
amplifier power	4 × 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	100 W, Idle 10 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)

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