

X Series

XS-10 active

用于移动应用的有源DSP低音炮，2 × 6,5"，1.000 W放大器，最大120 dB SPL，40 Hz - 130 Hz，约430 × 250 × 440 mm。



X Series XS-10 active

XS-10 active 是一个集成了D类放大器和DSP的紧凑型低频扬声器。它为X,Linea,Arc 和Focus系列中的紧凑型扬声器提供最佳的低音支持。该低音炮的特点是精确的低频再现、高额定功率和多功能性。



Main features

- 2 × 6.5 "长振幅驱动器
- 数字式1000W D级放大器
- 最大声压级: 120 dB
- 非湍流港口设计 (NTP)
- 2个平衡信号输入 (XLR/插孔加链接输出)。
- 2×Speakon输出, 用于连接无源全频扬声器和额外的无源低频扬声器
- 内置DSP, 具有扬声器预设、均衡器、延迟、压缩器/限制器等功能。
- 通过直观的控制面板进行控制, 带有显示屏或Fohhn Audio Soft
- 高质量的木质外壳 (多层桦木夹板)。
- 可根据要求提供RAL经典色、NCS色或Pantone色
- 有防风雨的PU涂层可选



有以下颜色可供选择



黑色

配备了以下Fohhn技术



Fohhn DSP 内幕



特殊颜色可选

技术数据

Electroacoustic features	
acoustic design	vented design
components	2 × 6,5" long excursion, neodymium
maximum SPL	120 dB
amplifier output	1.000 W
frequency range	40 Hz – 130 Hz
Physical features	
enclosure	multiplex birch plywood
dimensions (w × h × d)	approx. 430 × 250 × 440 mm
thread plate for distance piece	M20
weight	approx. 15 kg
standard colours	textured paint, black
handles	1 edge handle
transport wheels	none
front design	acoustic foam
protection grille	steel grille, ball impact resistant, powder-coated
Optional features	
optional colours	RAL Classic / NCS / Pantone on request
optional weather protection	polyurethane coating, water-repellent speaker cone impregnation
Electronic features	
power supply	195 V – 250 V AC 50/60 Hz, max. 6A
temperature range	0 - 45°C
cooling	convection cooling, force cooling, if necessary temperature-controlled fan
weight (electronics)	approx. 1.8 kg power supply and amplifier
Controller	
digital signal processors	2
independent limiters	8
selective 3-band limiting	bass / mid / high
band-specific time constants	yes
filter technology	56-bit double precision
AD (with Analog input)	AD/DA 24 bit / 48 kHz
controls	Select potentiometer, 4 buttons for DSP handling, ground/lift switch, Power on/off switch
indicator LEDs	4 line display, 2 × Signal/Clip LED, 2 × protect LED, receive/send remote LED

Remote control and remote monitoring	
remote control	Fohhn Audio Soft, Fohhn Net
remote monitoring	temperature, protect, signals

Connections	
inputs	2 × XLR/jacks, multifunctional input jacks
signal	Input jack 2 × XLR Link jacks
mains	2 × Powercon mains jacks in and thru
outputs (for recording or stacking)	2 × NL4 Neutrik Speakon for Top Speaker and Slave Sub, from 130 Hz 2 × 4 ohms (stereo)

integrated digital power amplifier	
EIA amplifier power	2 × 500 W (1 kHz, THD+N
amplification	32 dB
input sensitivity	1 V
input impedance	10 kOhm
frequency response	20 Hz – 20 kHz
S/N ratio	>105 dBA
protective circuit	switch-on delay, soft start, impedance- and short-circuit protection, DC protect, temperature monitoring

额定功率（峰值）；最大声压级：峰值，20毫秒，带通滤波粉红噪声信号，符合IEC 60268-2标准，频率范围下限以上一个八度，扬声器预设
 频率范围：-10 dB，在消声半空间条件下，扬声器预设
 重量：净重，不含可选设备

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