

X Series

XS-4 active

Active DSP subwoofer for mobile applications, 18", 1500 W
amp, 132 dB SPL max., 35 Hz – 130 Hz, approx. 590 × 600 × 680
mm



X Series XS-4 active

The XS-4 active is a single 18" subwoofer with built-in class-D amplifier and Fohhn DSP. It provides optimal support to the speakers in the X, Linea, Arc and Focus series in the bass range. The powerful Sub is characterized by precise low-frequency reproduction, a high power rating and versatility.



Main features

- 18" long excursion driver
- Digital 1500 W class-D amplifier
- SPL max.: 132 dB
- 2 balanced signal inputs (XLR/jack plus link-out)
- 2 × Speakon outputs for passive tops
- Built-in DSPs with speaker presets, EQ, delay, compressor/limiter, etc.
- Control via intuitive control panel with display or Fohhn Audio Soft
- High-quality wood enclosure (multiplex birch plywood)
- Transport dolly with 4 swivel castors included
- Available in RAL Classic, NCS or Pantone colours on request
- Optionally available with weatherproof PU coating
- Lightweight, only around 39 kg



Available with the following color options



Black

Equipped with the following Fohhn technologies



Fohhn DSP
inside



Special colors
optional

For detailed information about all Fohhn technologies, color options and connections, please visit www.fohhn.com/en/technologies

Technical data

Electroacoustic features	
acoustic design	ATD acoustic design
components	1 × 18" long excursion, neodymium
maximum SPL	132 dB
amplifier output	1500 W
frequency range	35 Hz – 130 Hz
Physical features	
enclosure	multiplex birch plywood
dimensions (w × h × d)	approx. 590 × 600 × 680 mm
thread plate for distance piece	M20
weight	approx. 39 kg
standard colours	textured paint, black
handles	2 side handle
transport wheels	wheel board
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 (stereo), from 130 Hz 2 × 4 ohms (stereo) or 1 × 8 ohms (bridge mode)

integrated digital power amplifier

EIA amplifier power	2 × 750 W (1 kHz, THD+N < 1%)
bridge mode	1500 W
amplification	32 dB
input sensitivity	1.4 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

power rating (peak); maximum SPL: peak, 20 ms with bandpass filtered pink noise signal according to IEC 60268-2 at one octave above the lower limit of the frequency range, with speaker preset
frequency range: -10 dB under anechoic halfspace-conditions with speaker preset
weight: net weight without optional equipment

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