

# X Series

## XS-30 active

Active DSP subwoofer for mobile applications, 15", 1.500 W  
amp, 128 dB SPL max., 35 Hz – 130 Hz, approx. 430 × 590 × 520  
mm



# X Series XS-30 active

The XS-30 active is a 15" subwoofer with integrated 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 sub is characterized by precise low-frequency reproduction, a high power rating and versatility.



## Main features

- 15" long excursion driver
- Digital 1500 W class-D amplifier
- SPL max.: 128 dB
- 2 balanced signal inputs (XLR/jack plus link-out)
- 2 × Speakon outputs for passive tops and additional sub
- 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)
- 2 built-in transport castors
- Available in RAL Classic, NCS or Pantone colours on request
- Optionally available with weatherproof PU coating



## Available with the following color options



Black



White

## Equipped with the following Fohhn technologies



Fohhn DSP  
inside



Special colors  
optional

# Technical data

Electroacoustic features	
acoustic design	vented design
components	1 × 15" long excursion, neodymium
maximum SPL	128 dB
amplifier output	1.500 W
frequency range	35 Hz – 130 Hz
Physical features	
enclosure	multiplex birch plywood
dimensions (w × h × d)	approx. 430 × 590 × 520 mm
thread plate for distance piece	M20
weight	approx. 34.5 kg
standard colours	textured paint, black
handles	2 side handle, 2 edge handle
transport wheels	2 edge wheels
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 Netzbuchse in und thru
outputs (for recording or stacking)	2 × NL4 Neutrik Speakon for Top Speaker and Slave Sub, from 130 Hz 2 × 4 ohms (stereo) or 1 × 8 ohms (bridge mode) mains

## integrated digital power amplifier

EIA amplifier power	2 × 750 W (1 kHz, THD+N < 1%)
bridge mode	1.500 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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