

X Series

XM-4

Passive monitor speaker, 12" / 1.4", 500 W, 131 dB SPL
max., approx. 590 × 340 × 450 mm



X Series XM-4

The XM-4 is a powerful, passive stage monitor. It guarantees first-class transparency, assertiveness and feedback rejection. This makes it the first choice for monitoring speech and music on stage. The sturdy enclosure, made of multiplex birch plywood with durable PU coating is designed for tough days on the road. A particularly sturdy metal grid behind the acoustic foam protects the speakers.



Main features

- Equipped with: 12" / 1.4"
- Electronic high frequency protection
- Nominal power rating: 500 watts
- Nominal impedance: 8 ohms
- SPL max.: 131 dB
- Dispersion: 80° × 60° (H × V)
- Connections: 2 × Speakon (left and right)
- Built-in flange mount for PA applications
- Lightweight, only 23 kg
- Available in RAL Classic, NCS or Pantone colours on request
- Versatile accessories for mobile use
- In order to ensure performance and operational safety, Fohhn system amplifiers including the correct speaker preset are required.



Available with the following color options



Black

Equipped with the following Fohhn technologies



Special colors
optional

Technical data

Electroacoustic features

acoustic design	passive stage monitor, 2-way, bass reflex
power rating (nominal)	500 watts
power rating (peak)	1000 watts
components	12" / 1.4" on rotatable CD-horn, with self-resetting IPC-HF protection, fully neodym
sensitivity	100 dB
maximum SPL	131 dB
frequency range	45 Hz – 20 kHz
nominal impedance	8 ohms
nominal dispersion (h × v)	80° × 60°

Features

enclosure	multiplex birch plywood
front design	acoustic foam
angle for monitor set-up	55° und 35°
speaker stand pole	integrated, ø 36 mm
protection grille	steel grille, ball impact resistant, powder-coated
weight	approx. 23 kg
standard colours	scratch-resistant plastic coating, black
handles	2 deep-set handle
connectors	2 × Neutrik NL4 Speakon, left and right
dimensions (W × H × D)	approx. 590 × 340 × 450 mm

CAAD simulation data

simulation data	Fohhn Designer
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power rating (nominal/program): according to IEC-60268-5 (long term/short term)

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

sensitivity: 2,83 V at 8 ohms (2 V at 4 ohms, 4 V at 16 ohms) at a distance of 1 m under anechoic fullspace conditions

frequency range: -10 dB under anechoic halfspace-conditions

weight: net weight without optional equipment

Intelligent Protection Circuit (IPC): voltage-controlled semiconductor circuit protecting the HF-driver against overload highly effective and with very short attack time

nominal dispersion, beam width: -6 dB compared to the main dispersion axis

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