



VEXO112

12" high performance 2-way loudspeaker

Highlights:

- DuraCoat™ texture paintwork
- High sound pressure levels with tight driver response
- Ball impact resistance
- Horizontal and vertical mounting
- User friendly mounting
- -90° to +35° inclination
- 70V/100V transformer available

The VEXO series are compact high performance 2-way loudspeakers and come in 3 different models, each of them with different sizes and performances meeting the requirements of every application. The VEXO series loudspeakers consist of active and passive versions. The low-frequency transducer, which is made out of high-quality materials, is combined with a 1.7" voice coil compression driver, enabling high sound pressure levels and a tight driver response with a rotatable 90° x 70° coverage pattern for a wide range of applications.

Thanks to the unique driver composition, the VEXO112 delivers a clear and natural sound with an RMS power of 400 Watts and a maximum power of 1600 Watt. The frequency response ($\pm 3\text{dB}$) starts from 58Hz up to 20 kHz and the sensitivity (1W/1m) reaches 99 dB while a maximum continuous sound pressure level from 125 dB can be achieved.

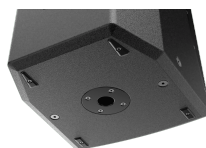
Using an optional 70V/100V line transformer enables the VEXO series to be used in 70V or 100V systems. By removing the backplate and replace it with a 70V/100V backplate on which the module is integrated, the high-performance loudspeaker is able to apply in a 70V/100V system.

The construction of the cabinets is made of 12mm plywood with a polyurethane coating, making them resistant to any impact. The front side of the cabinet is finished with a powder-coated steel grill with acoustical foam. A recessed carry handle on the rear side makes carrying easy. Positioning and suspension of the speaker are easily achieved by using the standard 35 mm pole adapter on the bottom and the M10 rigging points. Two speaker connectors provide reliable connections with easy link-through to cabinets.

The optional Clever U bracket allows mounting the high power 2-way cabinet both horizontally and vertically. An inclination of -90° to +35° ensures an optimal positioning. The optional MBK bracket even allows mounting the VEXO series to the ceiling which gives the opportunity to install the loudspeaker cleanly in any environment.

Applications:

- Education
- Sport facilities
- Clubs
- Concert venues



Impedance:



System specifications:

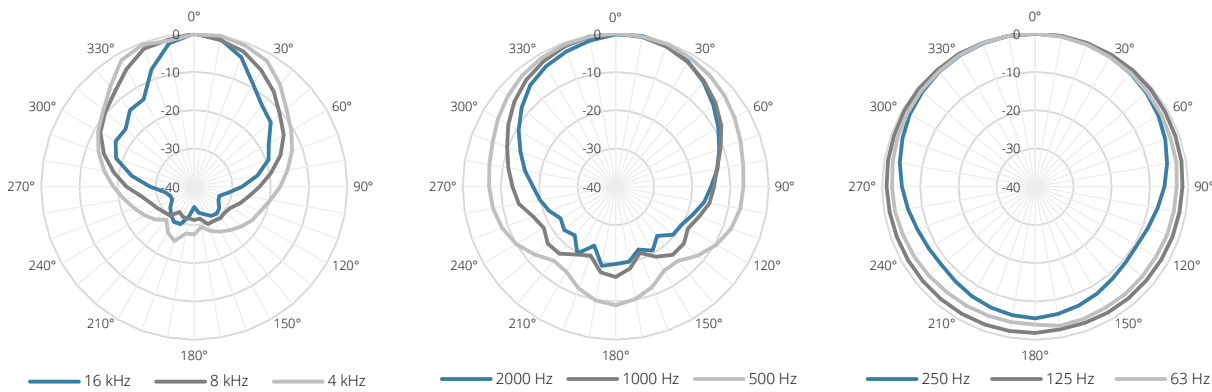
Speaker type			2-way
Max. Power			1600 W
RMS Power			400 W
Impedance			8 Ω
Sensitivity (1W/1m)			99 dB
Sound Pressure (Max. W/1m)			125 dB
Frequency	Response (± 3 dB)		58 Hz - 20 kHz
Crossover	Type		Passive built-in
Dispersion	Horizontal		90°
	Vertical		70°
Drivers	HF	Compression driver with 1.7" VC and 1" throat	
	LF	12" (2.5" VC)	
Connectors			2 x Speakon compatible (Linkthrough)
Power	Consumption	Standby	3.2 W
		Idle	22.5 W

Product Features:

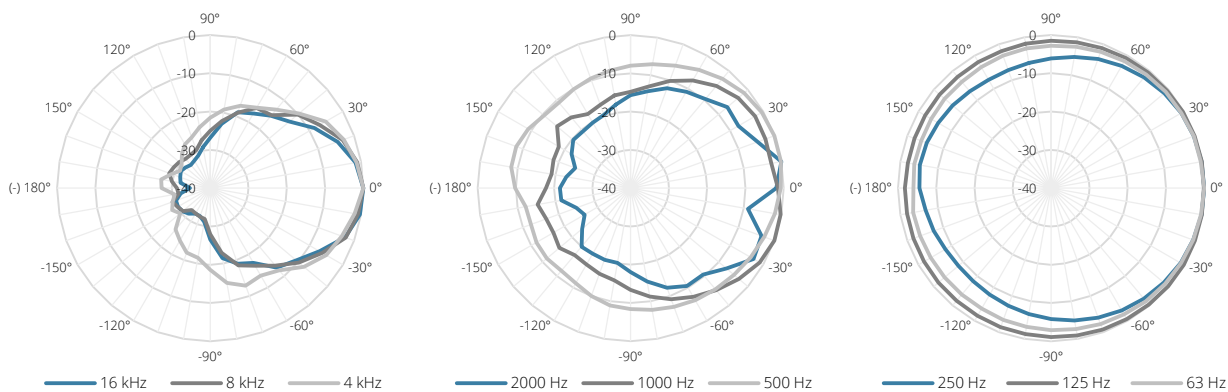
Dimensions		369 x 610 x 390 mm (W x H x D)
Weight		22.4 kg
Construction		12 mm high-quality plywood
Finish	Cabinet finishing	Polyurethane coating
Front finish		Powder coated steel grill with acoustical foam
Mounting & handling	Rigging points	10 x M10
	Stand fitting	35 mm pole adapter on bottom
	Carry handles	On top
Powerdrive mount		Powerdrive type 100 (127 x 70 mm)
Colours		Black & White
Accessories	Optional	70V/100V transformer module

Acoustical data graphs:

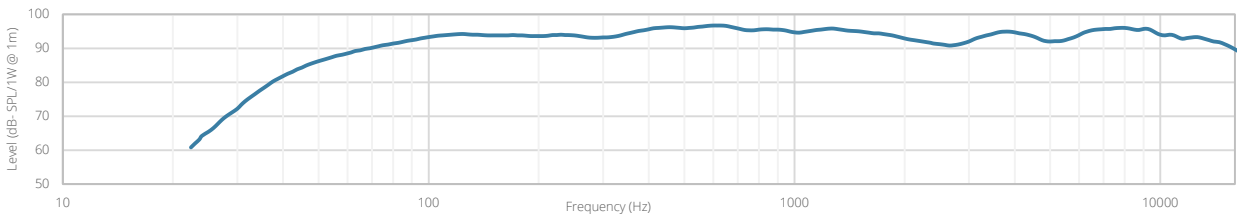
Horizontal Polars:



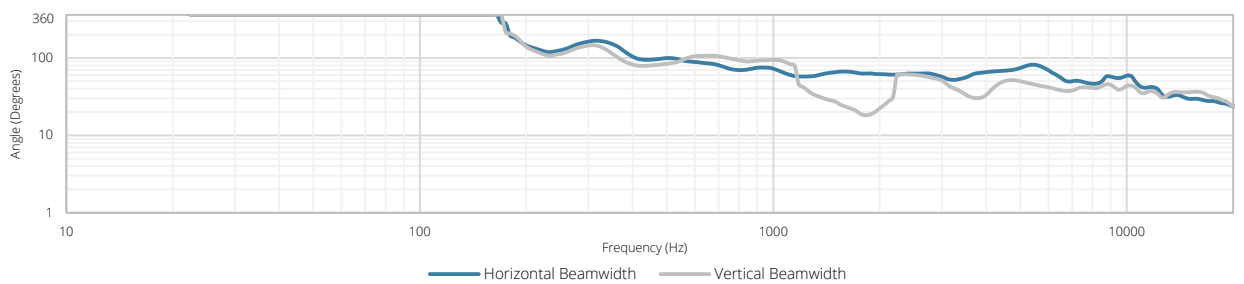
Vertical Polars:



Sensitivity:



Beamwidth (-3dB):



Directivity index:

