

Product information:

The PX series are compact full range loudspeaker cabinets for a wide variety of indoor applications. They come in four different models, each of them with different size and performance meeting the requirements for every specific application. The PX110 is the 10" model of the PX family, consisting of a 10" high output woofer and a compression driver with 1" voice coil. The compression driver is fitted with a 90° x 60° coverage horn which can be rotated allowing both horizontal and vertical use. Thanks to the high quality components and an accurately optimized integrated passive crossover network with tweeter overload protection, the PX110 delivers a clear and natural sound with an RMS power of 180 Watt and a maximum power of 350 Watt. The frequency range (-10 dB) starts from 65 Hz up to 20 kHz and the sensitivity (1W / 1m) reaches 98 dB while a maximum continuous sound pressure level from 120 dB can be achieved. The construction of the cabinets is made of medium density fiberboard with a durable textured and scratch resistant EPDM coating. The front side of the cabinet is finished with a powder coated steel grill lined with acoustically transparent backing. A recessed carry handle on the rear side makes carrying easy. Positioning and suspension of the speaker is easily achieved by using the standard 35 mm pole adapter on the bottom side and M10 rigging points. An optional mounting bracket provides a complete solution for wall mounting. Two speaker connectors on the rear side of the cabinet provide reliable connections with easy link-through to other cabinets.

Applications:

- Clubs
- Events



Properties:

 Rotatable

Impedance:

Ω 8 Ohm

System specifications:

Speaker type		2-way
Program power handling		350 W
RMS/AES power handling		180 W
Impedance		8 Ω
Sensitivity (1W/1m)		98 dB
Sound Pressure (Max. W/1m)		120 dB
Frequency	Response (\pm 3 dB)	80 Hz - 19 kHz
	Range (-10 dB)	65 Hz - 20 kHz
Crossover	Frequency	2.5 kHz
	Type	Passive built-in
Dispersion	Horizontal	90°
	Vertical	60°
Connectors		2 x Speakon compatible (Linkthrough)
Drivers	HF	1" Compression driver
	MF	10"

Product Features:

Dimensions		315 x 543 x 320 mm (W x H x D)
Weight		16 kg
Construction		Medium Density Fibreboard with structured coating
Front finish		Powder coated steel grill with lining
Mounting & handling	Rigging points	8 x M10
	Stand fitting	35 mm pole adapter on bottom
		M10 screw flange on top
	Carry handles	On both sides
Colours		Black (RAL9005) (PX110MK2)
		White (RAL9010) (PX110MK2/W)
Accessories	Optional	CPB110P Protective cover bag
		MBK110 Wall mounting bracket

Shipping & Ordering:

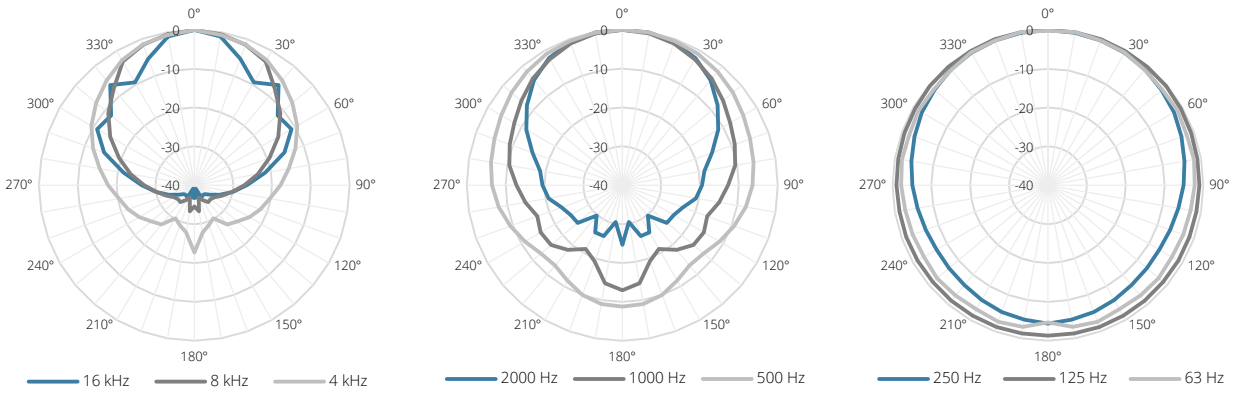
Packaging	Cardboard box
Shipping weight & volume	18.000 kg - 0.100 Cbm

Architects' and Engineers' Specifications:

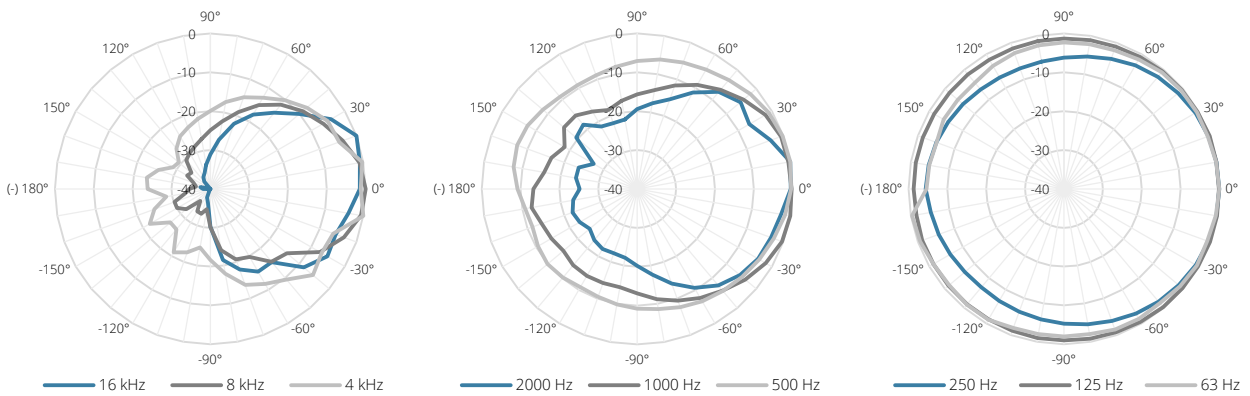
The loudspeaker cabinet must be a 10" 2-way system. The cabinet must be constructed of medium density fiberboard with a durable scratch proof EPDM coating. The front side must be finished with a powder coated steel grill which is lined with an acoustical transparent backing. The cabinet must have a recessed carry handle on the rear side of the cabinet for easy handling, while a standard 35 mm pole adapter and 8 x M10 rigging points must be provided for positioning and suspension of the speaker. The loudspeaker cabinet must have an RMS power handling of 180 Watt with a maximum power handling of 350 Watt. The frequency response (-10 dB) must range from 65 Hz to 20 kHz. The sensitivity must be 98 dB when measuring with an input signal of 1 Watt at a distance of 1 meter, while the maximum continuous sound pressure level must reach 120 dB. The loudspeaker must consist of a 1" HF compression driver and a 10" medium frequency range loudspeaker. It must have an impedance of 8 Ohm and contain a passive built-in crossover network with a crossover frequency of 2.5 kHz. The complete model is constructed of high-quality components. It must also have an integrated tweeter overload protection circuit. The horn mounted on the HF driver must have a horizontal dispersion of 90° and a vertical dispersion of 60° and must be rotatable, allowing both horizontal and vertical use. Connections with the speaker must be made using 2 x speakon compatible connectors, allowing easy connection and link-through. The loudspeaker cabinet must not exceed a width of 315 mm, a height of 543 mm and a depth of 320 mm. Its weight must not exceed 16 kg.

Acoustical data graphs:

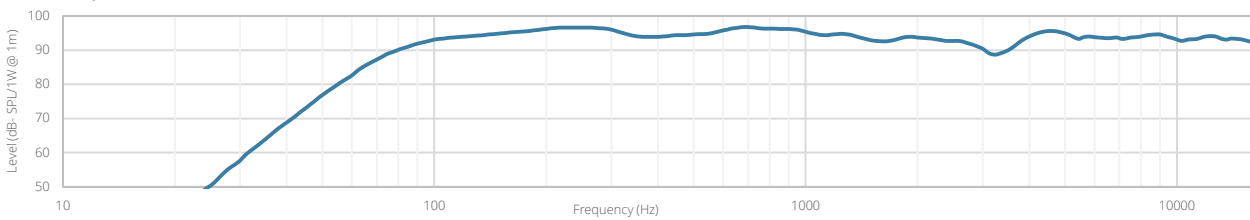
Horizontal Polars:



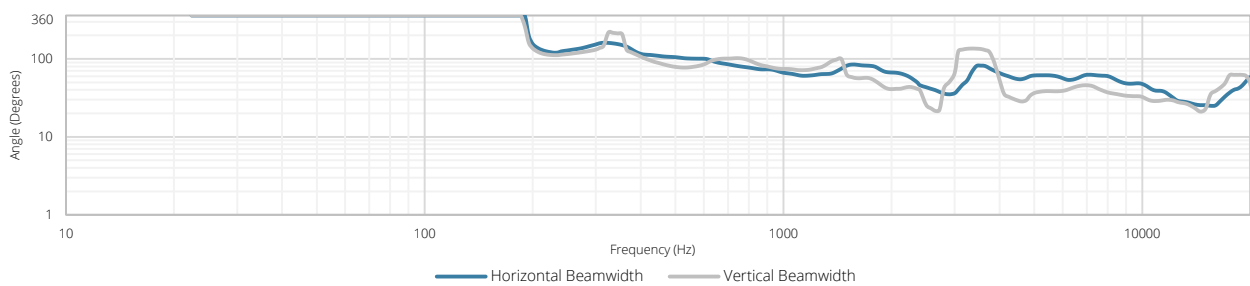
Vertical Polars:



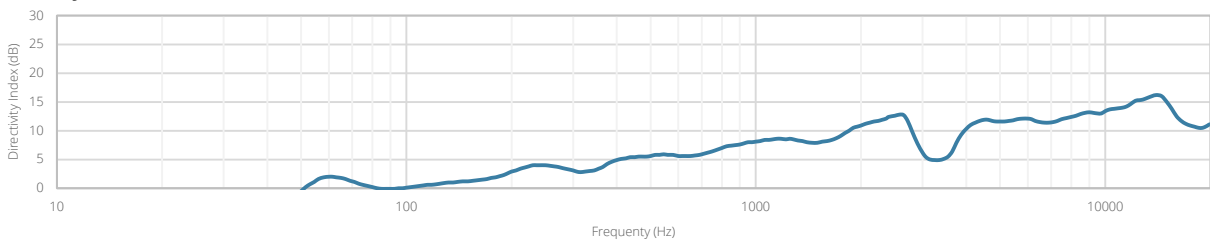
Sensitivity:

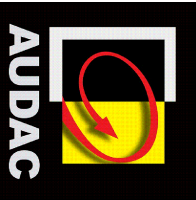
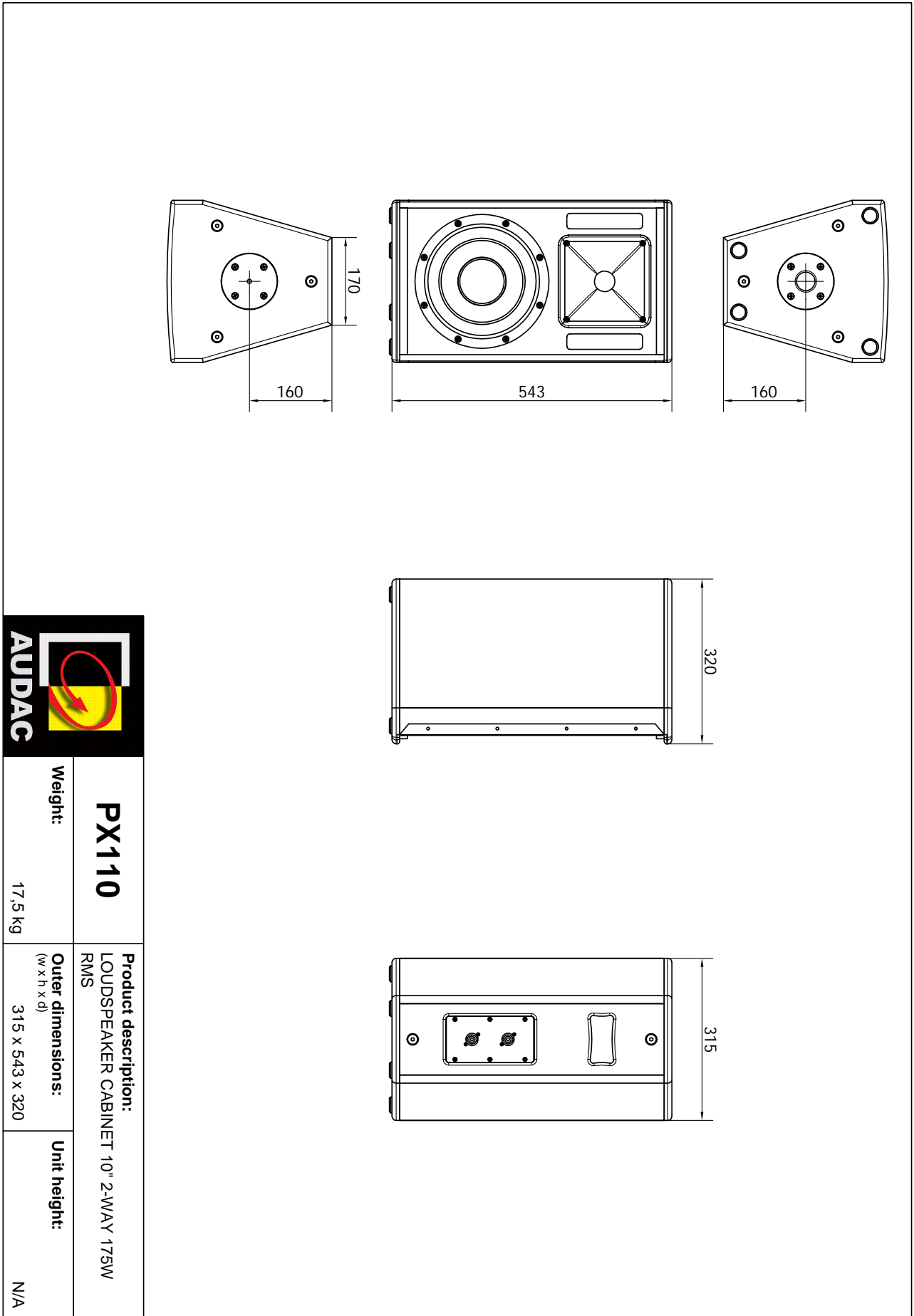


Beamwidth (-3dB):



Directivity index:





<p>PX110</p>	<p>Product description: LOUDSPEAKER CABINET 10" 2-WAY 175W RMS</p>	<p>Unit height: N/A</p>
<p>Weight: 17,5 kg</p>	<p>Outer dimensions: (w x h x d) 315 x 543 x 320</p>	