WX302

Universal wall speaker 3"

Highlights:

- 1" Dome tweeter
- 3"low frequency loudpeaker
- Vertical and horizontal mounting
- 100V and low impedance connection possibility
- Multi-tapping 100V line transformer

The WX302 is a powerful 2-way performance speaker suitable for a wide variation of applications, ensuring true-to-nature, high fidelity reproduction of music and speech. It is fitted with an 1" dome tweeter and a 3" low frequency loudspeaker, capable of delivering a power of 30 Watt. It can be used in standard 8 Ohm systems but also in 100V PA systems with power taps for 20 Watt, 10 Watt and 5 Watt. The elegant shaped synthetic enclosure is available in two different colors (black and white), making it blend into any environment going from standard indoor home to special indoor design interiors. The included mounting bracket allows horizontal and vertical mounting as well as focusing of the speaker and an integrated advanced protection network protects the tweeter against overload.

Impedance:

Ω
8 Ohm

Voltage:

Voltage
100 V

Applications:

- Retail
- Corporate spaces
- Bars, restaurants
- Residential

We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

System specifications:

Speaker type		2-way
Max. Power		60 W
RMS Power		30 W
Impedance		8 Ω
Line Transformer Tappings	1	20 W / 500 Ω
	2	10 W / 1000 Ω
	3	5 W / 2000 Ω
Sensitivity (1W/1m)		85 dB
Sound Pressure (Max. W/1m)	@ 8 Ω	100 dB
	@ 100 V	95 dB
Frequency	Response (± 3 dB)	90 Hz - 18 kHz
	Range (-10 dB)	60 Hz - 20 kHz
Crossover	Frequency	2.5 kHz
	Type	Passive built-in
Dispersion	Horizontal	100°
	Vertical	100°
Ingress Protection rating		IP40
Drivers	HF	1″
	LF	3″

Product Features:

Dimensions		199 x 129 x 120 mm (W x H x D)
Weight		1.660 kg
Operating temperature		-25 °C ~ 70 °C
Construction		ABS
Mounting & handling		Mounting bracket
Front finish		Aluminium grill
Colours		Black (RAL9005) (WX302/B)
		White (RAL9003) (WX302/W)
Accessories	Included	Mounting bracket

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Variants:

- WX302/B - Black version
- WX302/W - White version

Architects' and Engineers' Specifications:

The loudspeaker shall be a surface-mount 2-way type, consisting of a 3" woofer and 1" tweeter which are built in an ABS enclosure with finely perforated front grill and fitted with a line transformer allowing it to be used on both low impedance (8 Ohm) and 100 Volt distributed lines. It shall be vertically and horizontally mountable using the supplied mounting bracket.
It shall have an RMS power handling of 30 Watt with a maximum power handling of 60 Watt and the frequency response (±3 dB) shall range from 90 Hz to18 kHz. The sensitivity shall be 85 dB when measuring with an input signal of 1 Watt at a distance of 1 meter, while the maximum continuous sound pressure level shall be 100 dB.
The loudspeaker shall have an impedance of 8 Ohm, a 100V line transformer and a passive built-in crossover network with crossover frequency of 2.5 kHz. The transformer shall have multiple tappings for 20 Watt, 10 Watt and 5 Watt which are selectable, including the 8 Ohm bypass, using a rotary switch on the rear of the enclosure.
The loudspeaker enclosure shall be 129 mm high, 199 mm wide and 120 mm deep and the weight shall not exceed 1.66 Kg.

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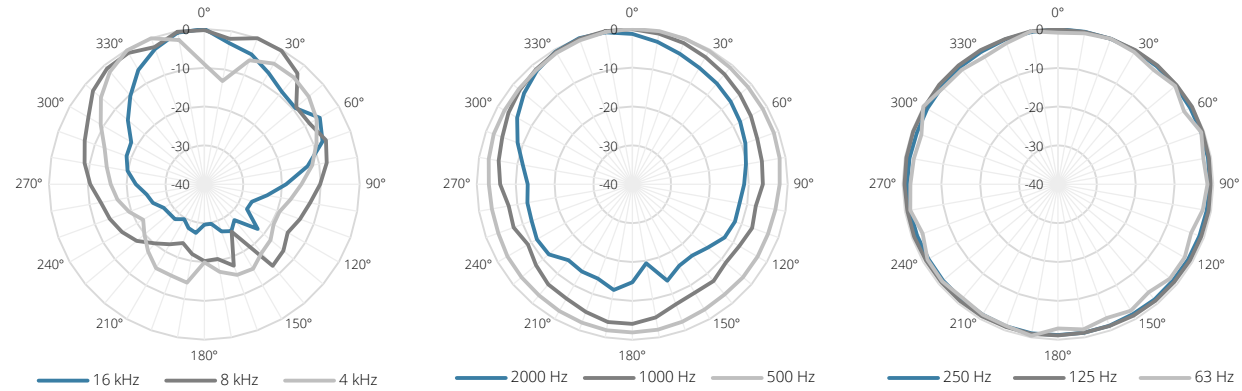
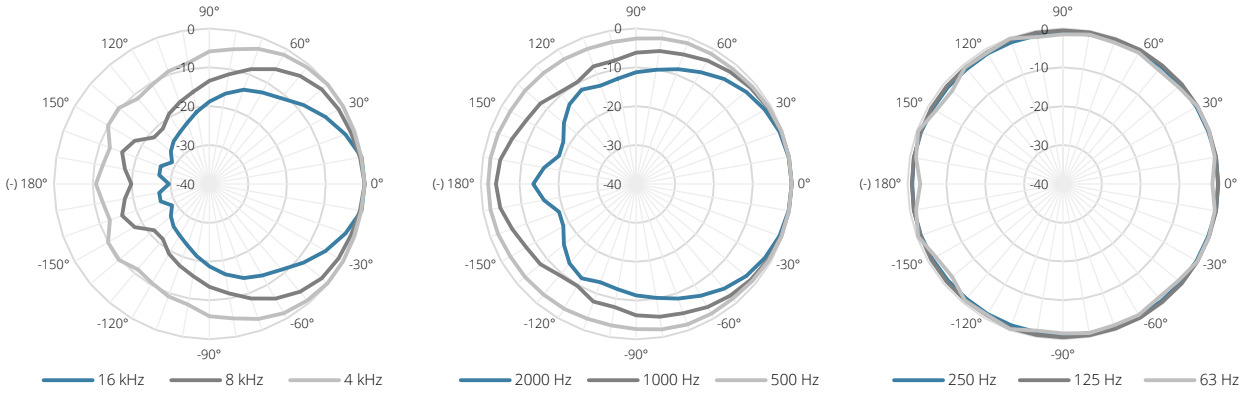
Acoustical data graphs:

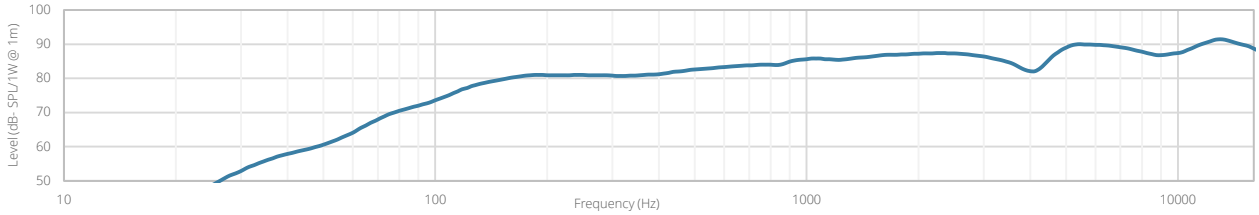
Horizontal Polars:



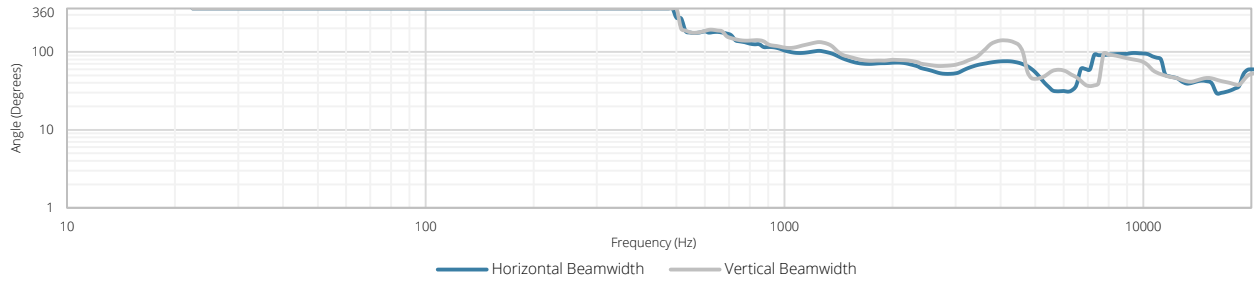
Vertical Polars:



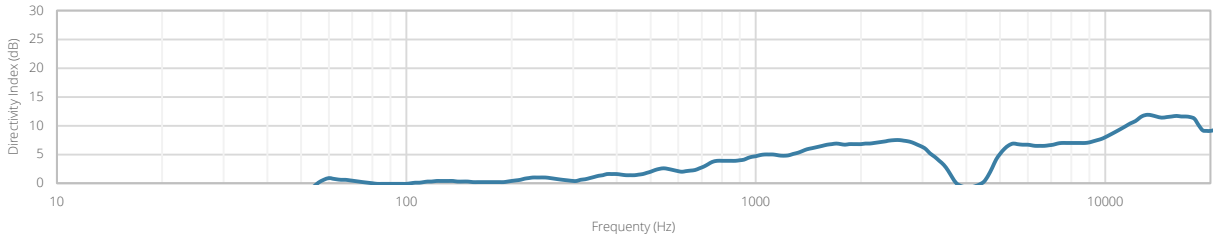
Sensitivity:



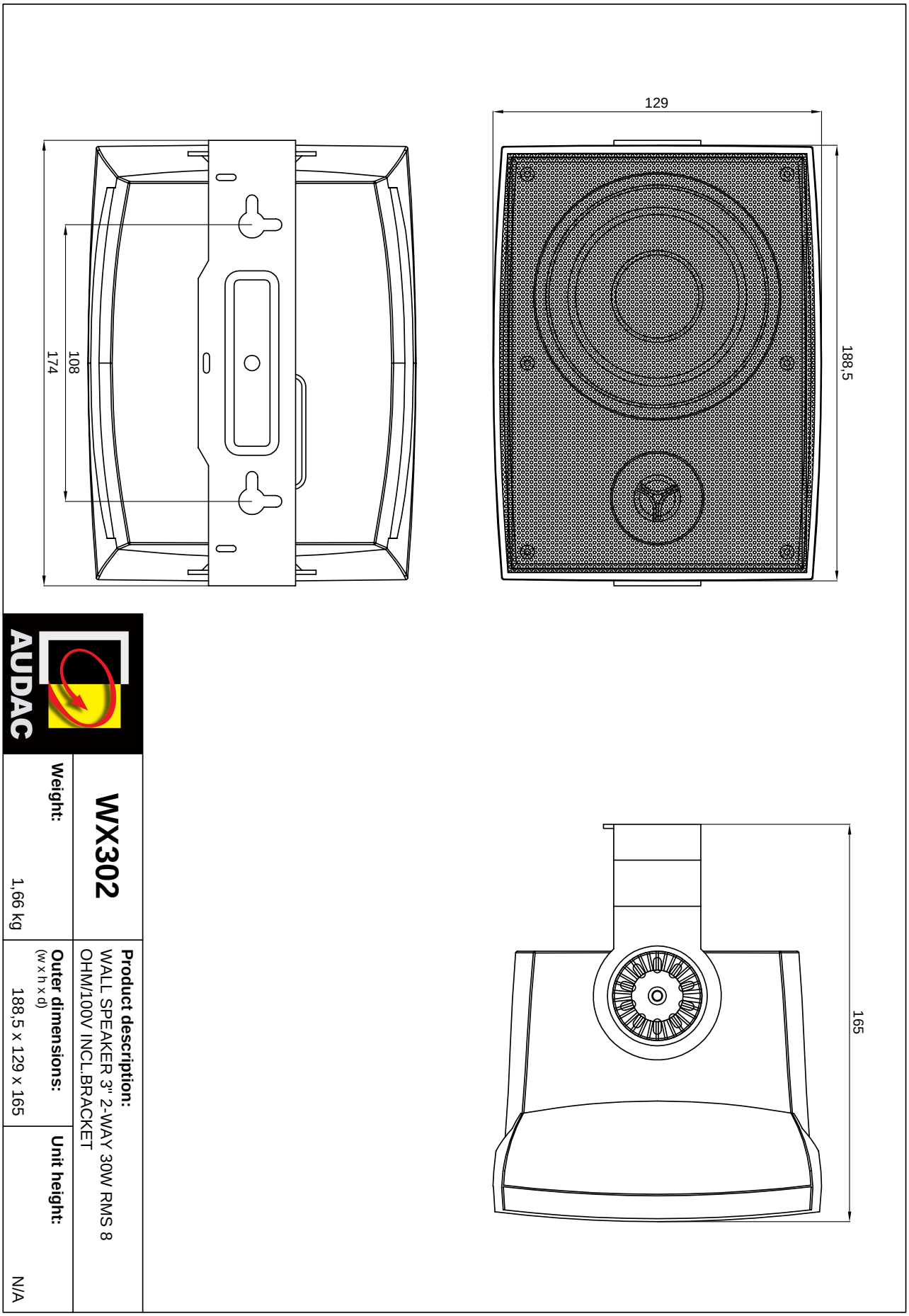
Beamwidth (-3dB):



Directivity index:



Technical drawings:



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