WX802

Universal wall speaker 8"

Highlights:

- 8" Low frequency loudspeaker
- 1" Dome tweeter
- Terminal block connection (MK2 series)
- Vertical and horizontal mounting
- Multi-tapping 70V / 100V line transformer

Impedance:

Ω 16 Ohm

Voltage:

70-100 Volt

Product information:

The WX802 is a powerful 2-way performance speaker suitable for a wide variety of applications, ensuring true-to-nature, high fidelity reproduction of music and speech. It is fitted with a 1" dome tweeter and an 8" low-frequency loudspeaker, capable of delivering a power of 70 Watt. It can be used in standard 16 Ohm systems but also in 70/100V PA systems with power taps for 60 Watt, 30 Watt and 15 Watt. The elegant shaped synthetic enclosure is available in two different colours (black & white), making it blend into any environment, going from standard indoor home to special indoor design interiors. The included steel 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.

This new series retains all its strengths but has also been upgraded in a few specific areas with installer convenience and durability in mind. The connection of the indoor loudspeakers is changed to a terminal block, which makes it easier to install and connect the WX MK2 series wall speaker, while daisy-chaining is made more convenient through additional connection terminals (4-pin).. Both indoor and outdoor versions are now equipped with an elegant rotatable AUDAC logo.

Applications:

- Bars & Restaurants
- Sporting facilities
- Retail
- Clubs
- Residential
- Corporate

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
Peak power handling		280 W
Program power handling		140 W
RMS/AES power handling		70 W
Impedance		16 Ω
Sensitivity (1W/1m)		89 dB
Sound Pressure (Max. W/1m)	@ 16 Ω	108 dB
	@ 100 V	106 dB
Frequency	Response (± 3 dB)	60 Hz - 17 kHz
	Range (-10 dB)	50 Hz - 20 kHz
Crossover	Frequency	2.4 kHz
	Type	Passive built-in
Dispersion	Horizontal	110°
	Vertical	110°
Drivers	HF	1″
	LF	8″
Line Transformer Tappings	1	83 Ω - 100 V / Not used - 70 V / 60 W
	2	167 Ω - 100 V / 60 W - 70 V / 30 W
	3	333 Ω - 100 V / 30 W - 70 V / 15 W
	4	667 Ω - 100 V / 15 W - 70 V / 7.5 W

Product Features:

Dimensions	358 x 276.1 x 285.6 mm (W x H x D) (Incl. bracket)
Weight	7.5 kg
Operating temperature	-25 °C ~ 70 °C
Construction	ABS
Mounting & handling	Mounting bracket
Front finish	Steel grill
Colours	Black (RAL9005) (WX802/B, WX802MK2/B)
	White (RAL9003) (WX802/W, WX802MK2/W)

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Variants:

- WX802MK2/B - Black version
- WX802MK2/W - White version

Architects' and Engineers' Specifications:

The loudspeaker shall be a surface-mount 2-way type, consisting of an 8" 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 (16 Ohm) and 70/100 Volt distributed lines. It shall be vertically and horizontally mountable using the supplied mounting bracket. It shall have an RMS power handling of 70 Watt with a maximum power handling of 140 Watt and the frequency response (±3 dB) shall range from 60 Hz to17 kHz. The sensitivity shall be 89 dB when measured with an input signal of 1 Watt at a distance of 1 meter, while the maximum continuous sound pressure level shall be 108 dB. The loudspeaker shall have an impedance of 16 Ohm, a 70/100V line transformer and a passive built-in crossover network with a crossover frequency of 2.4 kHz. The transformer shall have multiple tappings for 60 Watt, 30 Watt and 15 Watt which are selectable, including the 16 Ohm bypass, using a rotary switch on the rear of the enclosure. The loudspeaker enclosure shall be 270 mm high, 360 mm wide and 215 mm deep and the weight shall not exceed 7.5 Kg.

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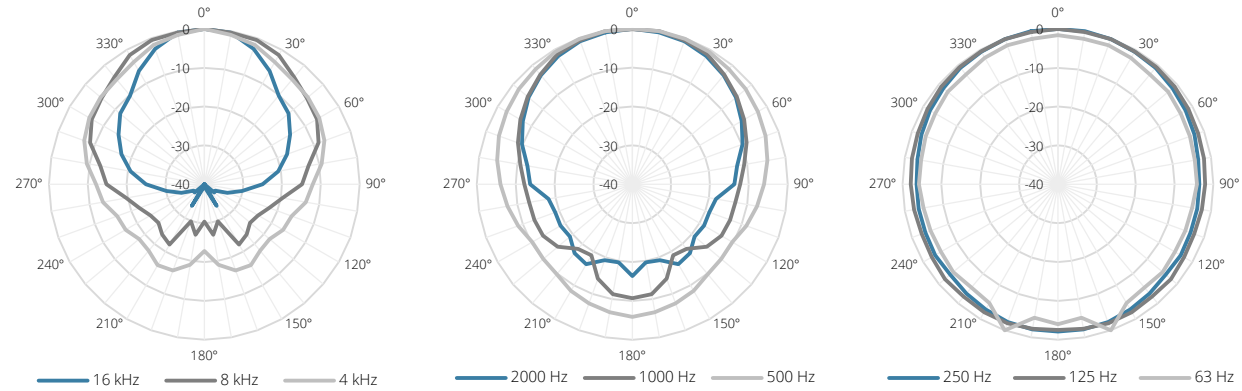
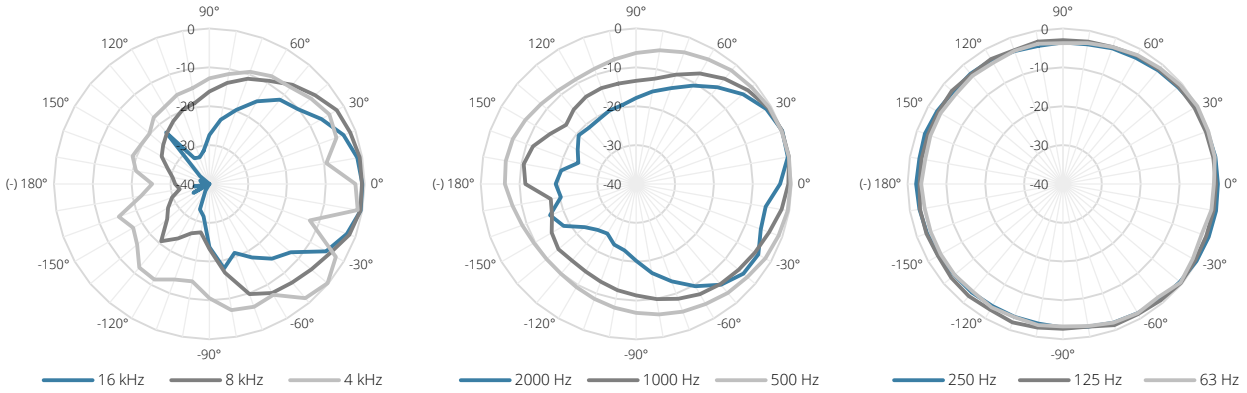
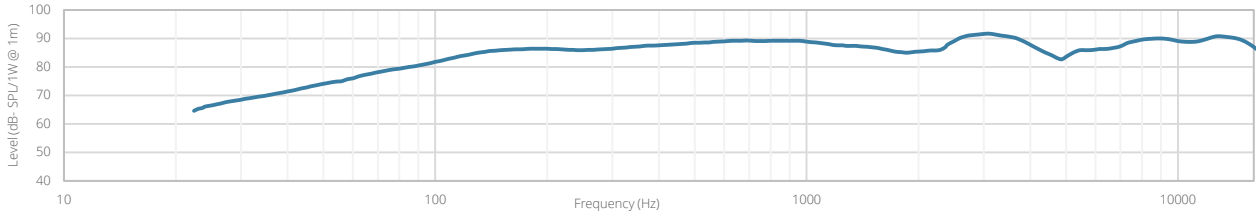
Horizontal Polars:



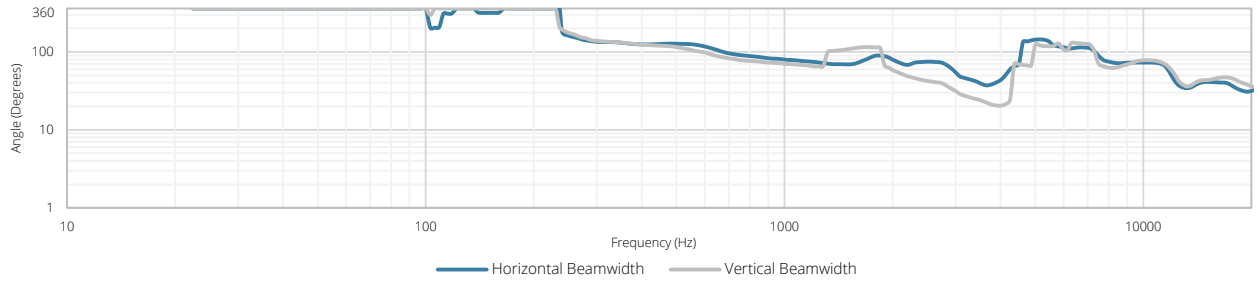
Vertical Polars:



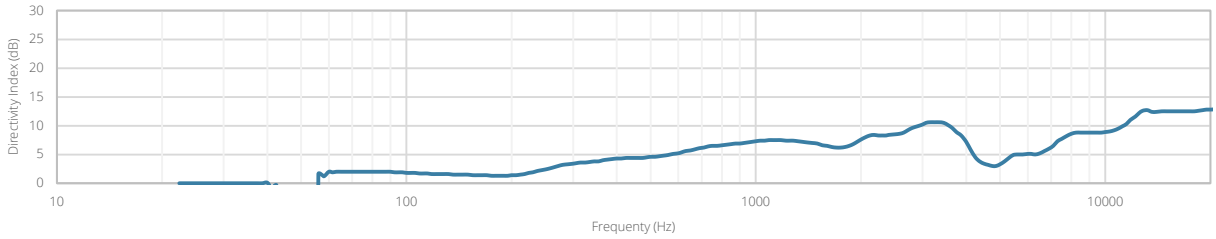
Sensitivity:



Beamwidth (-3dB):



Directivity index:



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