WX302_O

Outdoor universal wall speaker 3"

Highlights:

- 1" Dome tweeter
- 3" Low frequency loudspeaker
- Vertical and horizontal mounting
- Aluminum grill
- Aluminum mounting bracket (MK2 version)
- Multi-tapping 100V line transformer
- AWX5™ waterproof connector
- Multi-tapping 70V / 100V line transformer







The WX302/O speakers are specifically designed for outdoor use and lend themselves to a variety of applications, ensuring true-to-nature, high-fidelity reproduction of music and speech.

The material used for the mounting bracket on the outdoor versions has been improved by using aluminum, making the WX series MK2 even more resistant to extreme weather conditions. The bracket allows users to mount the WX302/O vertically as well as horizontally.

Special treatment with powder coating provides the necessary protection for all weather conditions. Because of the special powder coating, the brackets can pass the 96 hours salt-spray test, which has reached the standard for outdoor applications. A drain hole behind the aluminum grill allows rainwater to flow out. The waterproof AWX-5 connector at the backside makes sure that this speaker meets the IP55 standards.

Applications:

- Terraces
- Gardens
- Swimming pool areas
- Sport facilities
- Bars, restaurants

Certification:

IP55

Properties:

Waterproof

Impedance:

Ω

8 Ohm

Voltage:

70 - 100 V

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

System specifications:

Connectors		Waterproof AWX-5 connector
Crossover	Frequency	2.5 kHz
	Type	Passive built-in
Drivers	HF	1″
	LF	3″
Frequency	Range (-10 dB)	60 Hz - 20 kHz
	Response (± 3 dB)	90 Hz - 18 kHz
Impedance		8 Ω
Ingress Protection rating		IP55
Program power handling		60 W
Sensitivity (1W/1m)		85 dB
Sound Pressure (Max. W/1m)	@ 100 V	95 dB
	@ 8 Ω	100 dB
Speaker type		2-way
RMS/AES power handling		30 W
Dispersion	Horizontal	100°
	Vertical	100°
Line Transformer Tappings	1	250 Ω - 100 V / Not used - 70 V / 20 W
	2	500 Ω - 100 V / 20 W - 70 V / 10 W
	3	1000 Ω - 100 V / 10 W - 70 V / 5 W

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

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) (WX302MK2/OB)
		White (RAL9003) (WX302MK2/OW)
Accessories	Included	Mounting bracket
		5-pin connection cable (70 cm)
	Optional	AWC07 - AWX5 cable 0.7 m
		AWC25 - AWX25 cable 2.5 m
		AWC50 - AWX50 cable 5 m

Variants:

- WX302MK2/OB - Outdoor black version
- WX302MK2/OW - Outdoor white version

Shipping & Ordering:

Packaging	Cardboard box
Shipping weight & volume	3.900 kg - 0.016 Cbm (2 pcs)

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 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 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.

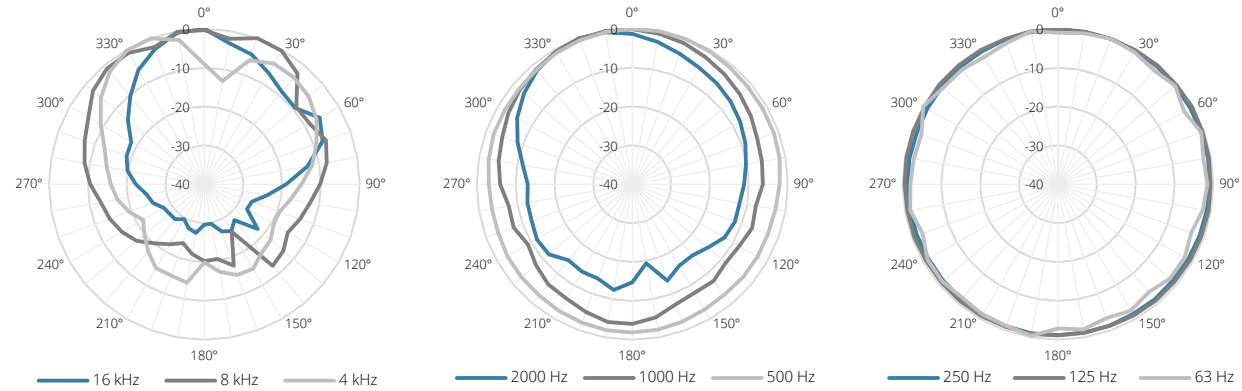
The loudspeaker shall have an impedance of 8 Ohm, a 70/100V line transformer and a passive built-in crossover network with crossover frequency of 2.5 kHz. The enclosure shall comply to IEC60529 IP55 ratings for dust & splash resistance and shall feature a waterproof AWX-5 connector allowing transformer tapping selection for 20 Watt, 10 Watt and 5 Watt or the 8 Ohm bypass.

The loudspeaker enclosure shall be 129 mm high, 199 mm wide and 120 mm deep and the weight shall not exceed 1.66 Kg.

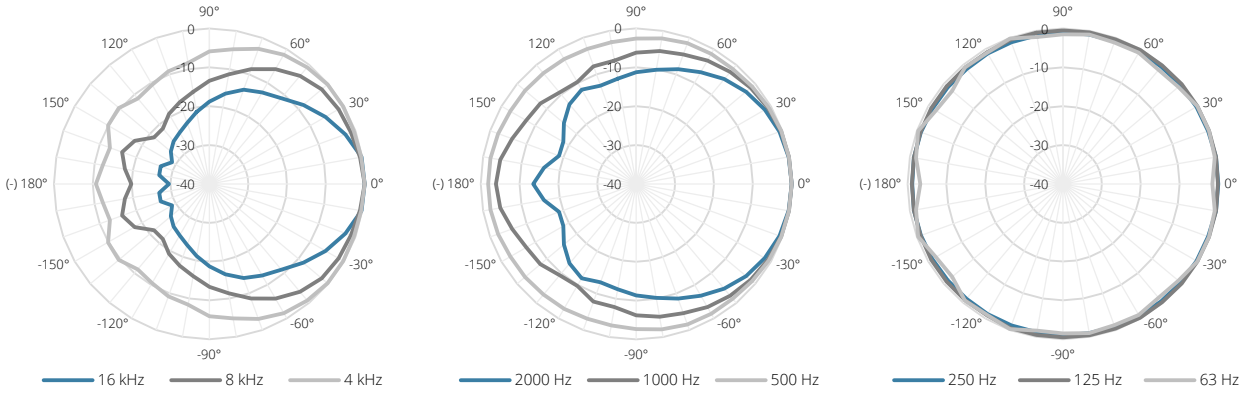
We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

Acoustical data graphs:

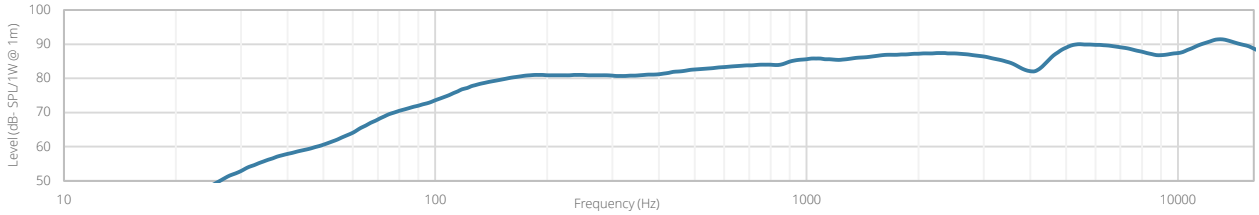
Horizontal Polars:



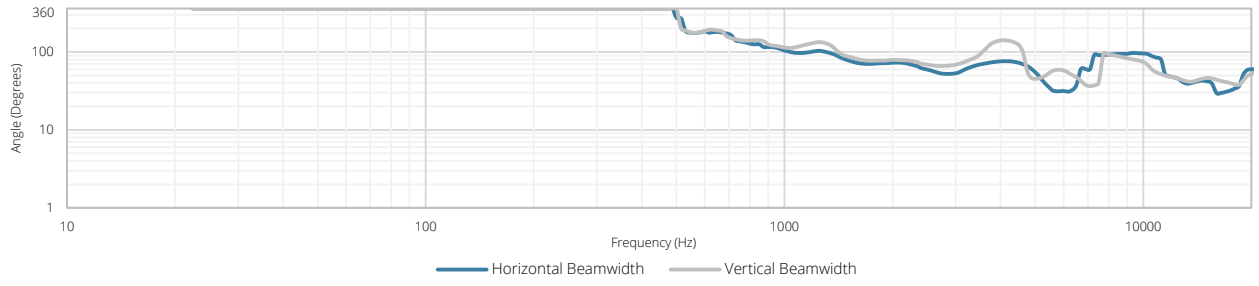
Vertical Polars:



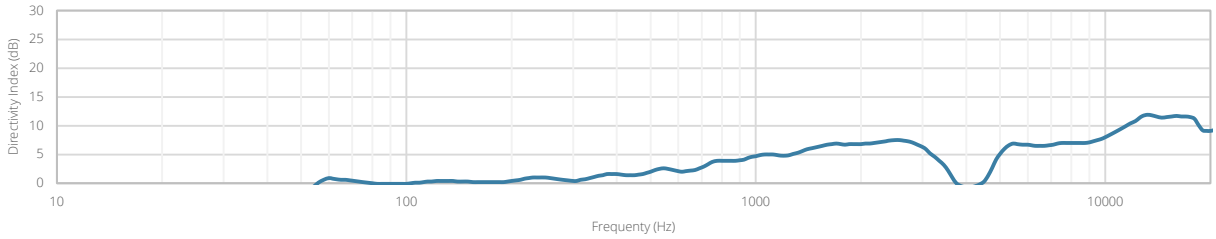
Sensitivity:



Beamwidth (-3dB):



Directivity index:



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