



# WX302\_O

Outdoor wall speaker 3"

## Highlights:

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- Vertical and horizontal mounting
- Aluminum grill
- Multi-tapping 100V line transformer
- 1" Dome tweeter
- 3" Low frequency loudspeaker
- 100V and low impedance connection possibility
- AWX5™ waterproof connector
- Electroplated mounting bracket

The AUDAC 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 electroplated paint steel mounting brackets allow users to mount the WX302/O vertically as well as horizontally. A 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 to 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. The WX302/O is a 2-way performance speaker with a 3" low frequency loudspeaker and a 1" dome tweeter. With the rotatable waterproof AWX-5 connector at the back of the speaker, the power tapping can be set in 3 adjustable steps for 100V and one step for 8 Ohm standard low impedance applications : - 20 Watt, 10 Watt, 5 Watt @ 100 V - 30 Watt @ 8 Ohm The speakers are built in a rugged synthetic housing.

## Applications:

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- Sport facilities
- Swimming pool areas
- Gardens
- Terraces



## Certification:

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## Properties:

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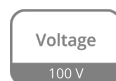
## Impedance:

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## Voltage:

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## System specifications:

|                            |                        |                            |
|----------------------------|------------------------|----------------------------|
| Speaker type               |                        | 2-way                      |
| Max. Power                 |                        | 60 W                       |
| RMS Power                  |                        | 30 W                       |
| Impedance                  |                        | 8 $\Omega$                 |
| Line Transformer Tappings  | 1                      | 20 W / 500 $\Omega$        |
|                            | 2                      | 10 W / 1000 $\Omega$       |
|                            | 3                      | 5 W / 2000 $\Omega$        |
| Sensitivity (1W/1m)        |                        | 85 dB                      |
| Sound Pressure (Max. W/1m) | @ 8 $\Omega$           | 100 dB                     |
|                            | @ 100 V                | 95 dB                      |
| Frequency                  | Response ( $\pm$ 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  |                        | IP55                       |
| Connectors                 |                        | Waterproof AWX-5 connector |
| Drivers                    | HF                     | 1"                         |
|                            | LF                     | 3"                         |

## Product Features:

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|                       |          |                                |
|-----------------------|----------|--------------------------------|
| 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/OB)     |
|                       |          | White (RAL9003) (WX302/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:

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- WX302/OB - Outdoor black version
- WX302/OW - Outdoor white version

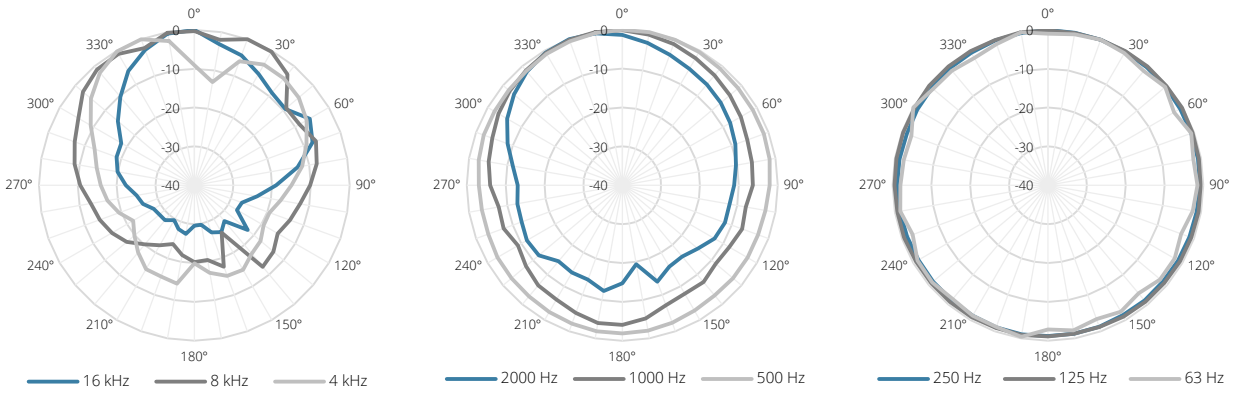
## Shipping & Ordering:

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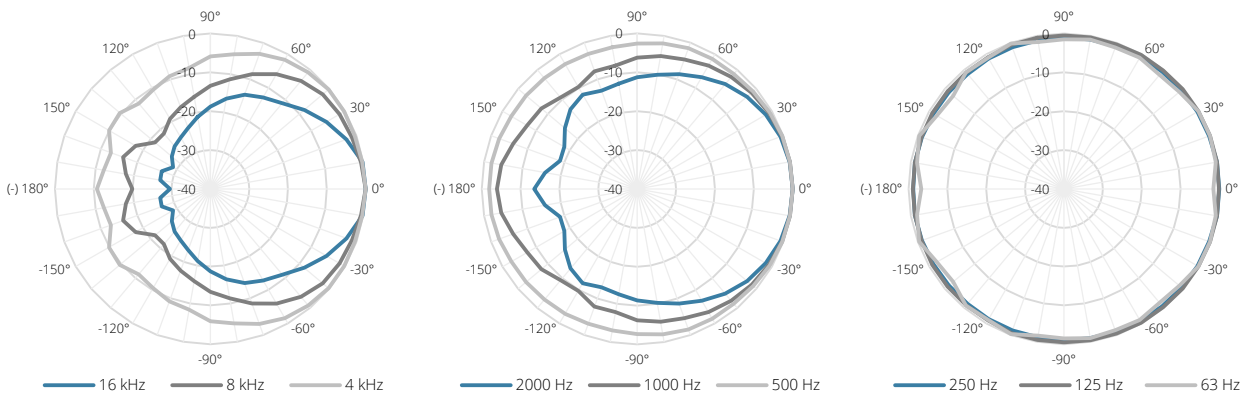
|                          |                              |
|--------------------------|------------------------------|
| Packaging                | Cardboard box                |
| Shipping weight & volume | 3.900 kg - 0.016 Cbm (2 pcs) |

# Acoustical data graphs:

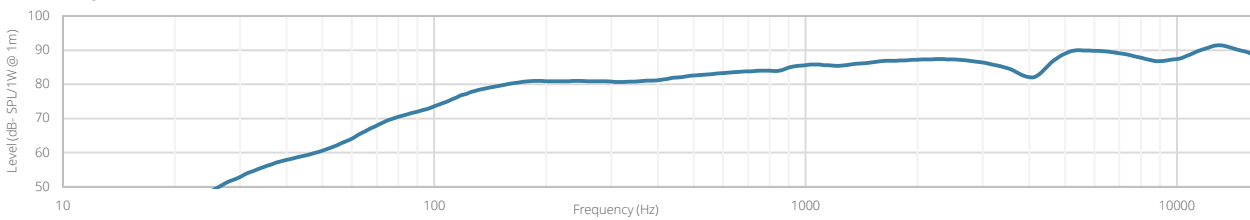
## Horizontal Polars:



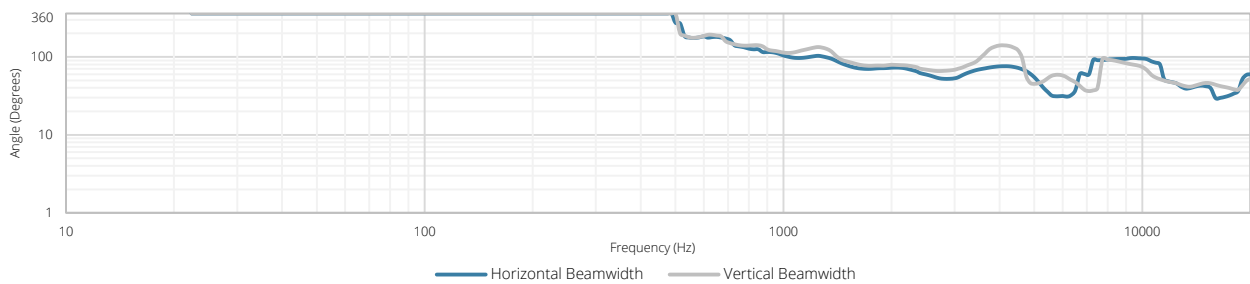
## Vertical Polars:



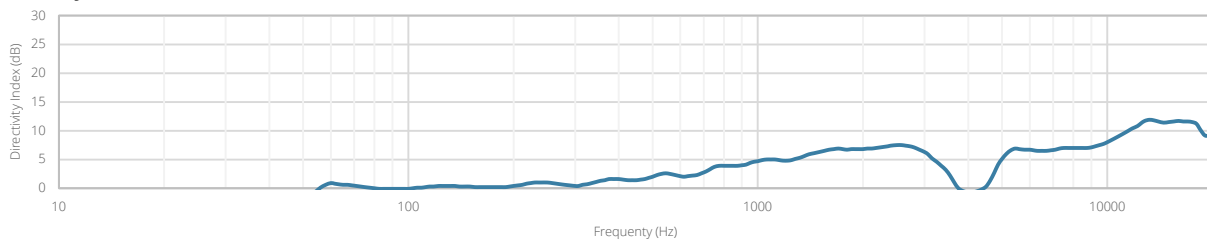
## Sensitivity:

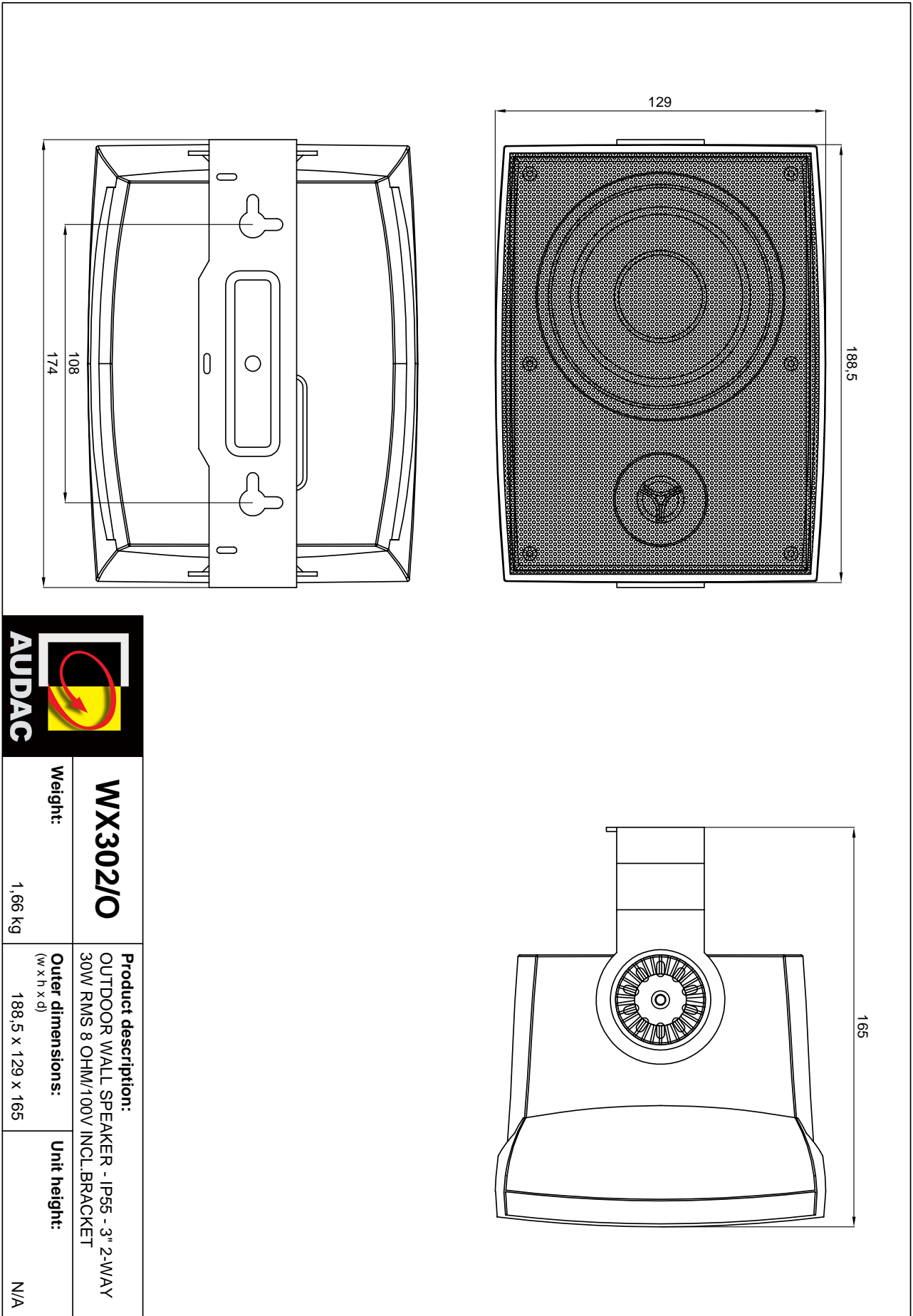


## Beamwidth (-3dB):



## Directivity index:





|   |                   |   |
|---|-------------------|---|
| <b>WX302/O</b>                          |                   | <b>Product description:</b><br>OUTDOOR WALL SPEAKER - IP55 - 3" 2-WAY<br>30W RMS 8 OHM/100V INCL. BRACKET |
| <b>Weight:</b>                          | 1,66 kg           |   |
| <b>Outer dimensions:</b><br>(w x h x d) | 188,5 x 129 x 165 |   |
| <b>Unit height:</b>                     | N/A               |   |