

## Highlights:

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- Innovative & unique design
- Countless mounting possibilities
- AWX5™ waterproof connector
- Wide opening angle
- Outdoor rated construction
- Multi-tapping 70V / 100V line transformer

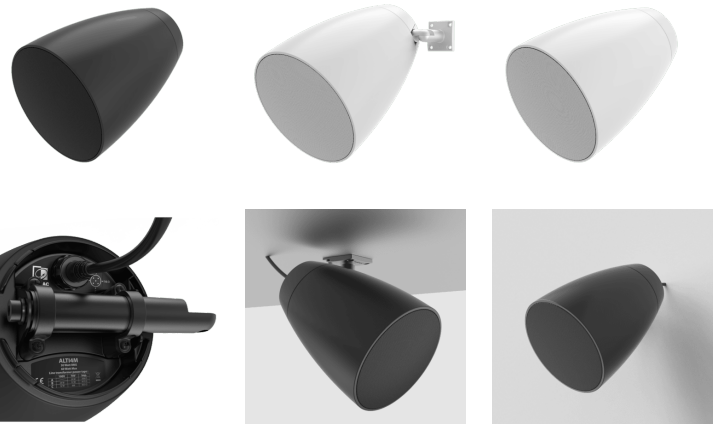
## Product information:

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"Don't feel like hanging around?"

The ALTI6M is a variant of the ALTI pendant speakers, featuring a die-cast mounting bracket for wall & ceiling mount purposes. This allows the same audio system design and identity throughout the entire installation in case some areas are not allowing pendant solutions being used due to the ceiling heights or structures. Acoustics and construction are identically crafted, while connections are made through weatherproof AWX5™ connectors, this construction has an IP65 rating.

The ALTI6M features a 2-way 6,5" driver combination with a coaxially mounted 1" soft dome tweeter and is fitted with a phase plug for excellent off-axis performance. The 2-way combination with a high-quality polypropylene enclosure and acoustic engineering craftsmanship guarantees premium performance for demanding applications. A continuous power handling of 60 Watt (RMS) and maximum power handling of 120 Watt is achieved.



## Certification:

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## Properties:

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 Weatherproof

## Impedance:

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$\Omega$  16 Ohm

## Voltage:

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 70-100 Volt

## System specifications:

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|                            |                        |  |
|----------------------------|------------------------|--|
| Speaker type               |                        | 2-way coaxial                                |
| Peak power handling        |                        | 240 W  |
| Program power handling     |                        | 120 W  |
| RMS/AES power handling     |                        | 60 W   |
| Impedance                  |                        | 16 $\Omega$                                  |
| Line Transformer Tappings  | 1                      | 83 $\Omega$ - 100 V / Not used - 70 V / 60 W |
|                            | 2                      | 167 $\Omega$ - 100 V / 60 W - 70 V / 30 W    |
|                            | 3                      | 333 $\Omega$ - 100 V / 30 W - 70 V / 15 W    |
|                            | 4                      | 667 $\Omega$ - 100 V / 15 W - 70 V / 7.5 W   |
| Dispersion                 | Conical                | 115° (average 500 Hz to 5 kHz @ -6 dB)       |
| Connectors                 |                        | Waterproof AWX-5 connector                   |
| Sensitivity (1W/1m)        |                        | 83 dB  |
| Sound Pressure (Max. W/1m) | @ 16 $\Omega$          | 101 dB                                       |
| Frequency                  | Range (-10 dB)         | 61.5 Hz - 20 kHz                             |
|                            | Response ( $\pm$ 3 dB) | 75 Hz - 17 kHz                               |
| Ingress Protection rating  |                        | IP65   |

## Product Features:

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|                         |          |                                      |
|-------------------------|----------|--------------------------------------|
| Connection cable length |          | 0.7 m                                |
| Construction            |          | Polypropylene                        |
| Front finish            |          | Aluminium grill                      |
| Mounting & handling     |          | 2-way Revolving mounting bracket     |
| Weight                  |          | 3.48 kg                              |
| Dimensions              |          | 235 x 230 x 336 mm (W x H x D)       |
| Accessories             | Included | 5-pin connection cable (70 cm) AWC07 |
|                         |          | 2-way Revolving mounting bracket     |

## Variants:

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- ALTI6M/B - Black version
- ALTI6M/W - White version

## Architects' and Engineers' Specifications:

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This loudspeaker shall be a 2-way coaxial type featuring a 6" driver and a 1" soft dome tweeter 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 have an RMS power handling of 60 Watt with a maximum power handling of 120 Watt and the frequency response ( $\pm 3\text{dB}$ ) shall range from 75 Hz to 17 kHz. The sensitivity shall be at least 83 dB when measuring with an input signal of 1 Watt at a distance of 1 meter, while the maximum continuous sound pressure level at 100 V shall be 101 dB. The nominal dispersion shall be a 115° conical coverage pattern at -6dB (average 500Hz - 5kHz).

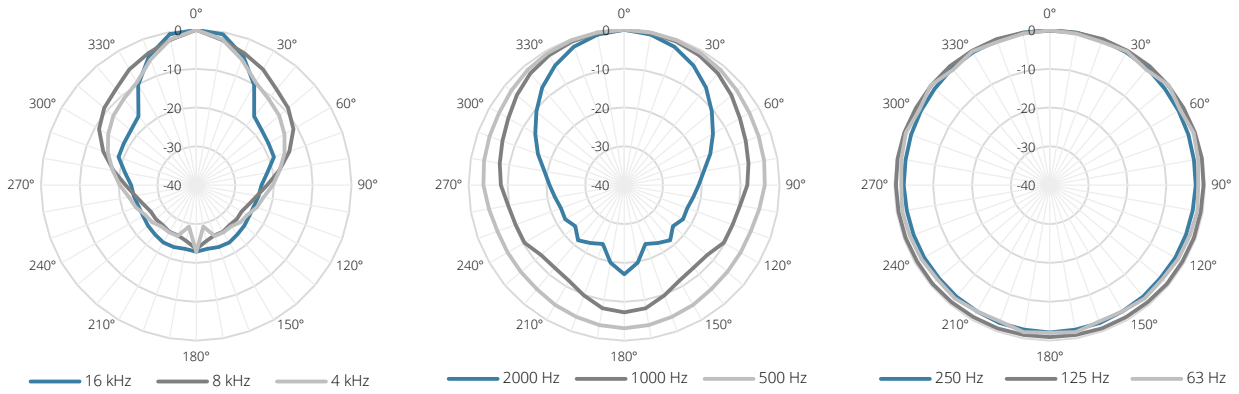
The loudspeaker shall have an impedance of 16 Ohm and shall be fitted with a multi-tapping line transformer with tappings for 24 Watt, 12 Watt, 6 Watt and 3 Watt including a 16 Ohm bypass. Selection of the power taps shall be done using a rotary switch located under the cable cover.

The speaker frame shall be constructed in high quality Polypropylene material which comes available in black and white. A weatherproof AWX5™ connection must be used, which gives the speaker an IP65 rating. Mounting the loudspeaker shall be done with the die-cast 2-way revolving mounting bracket.

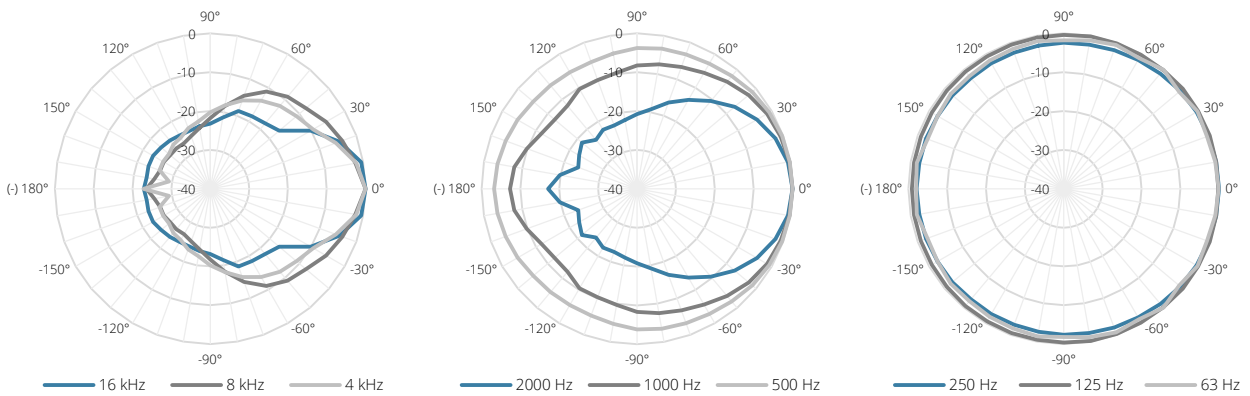
The loudspeaker shall have a diameter of 230 mm, a height of 302 mm and the weight shall not exceed 4kg.

# Acoustical data graphs:

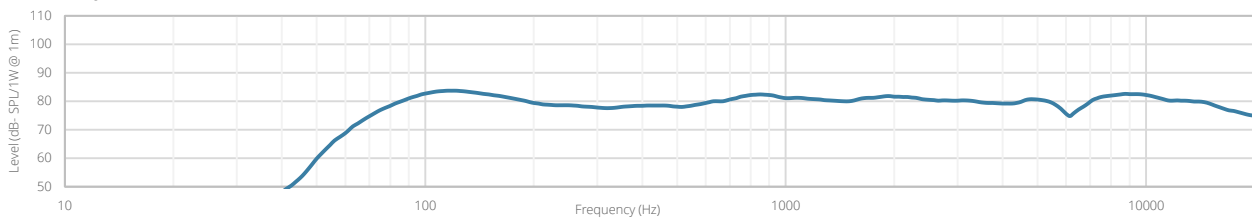
## Horizontal Polars:



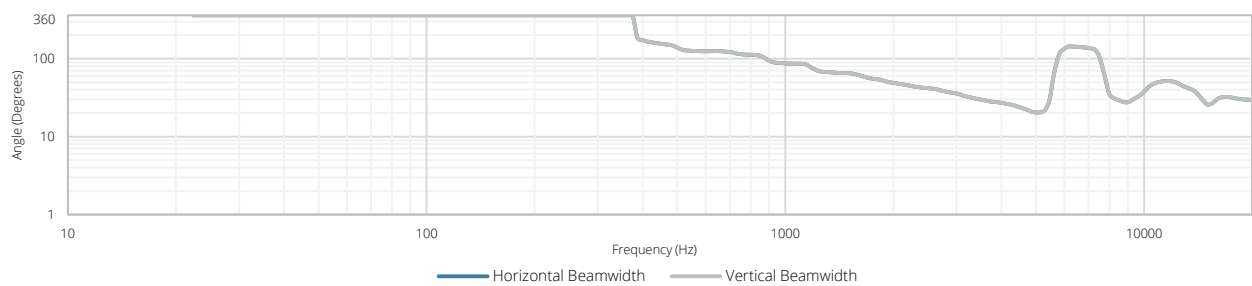
## Vertical Polars:



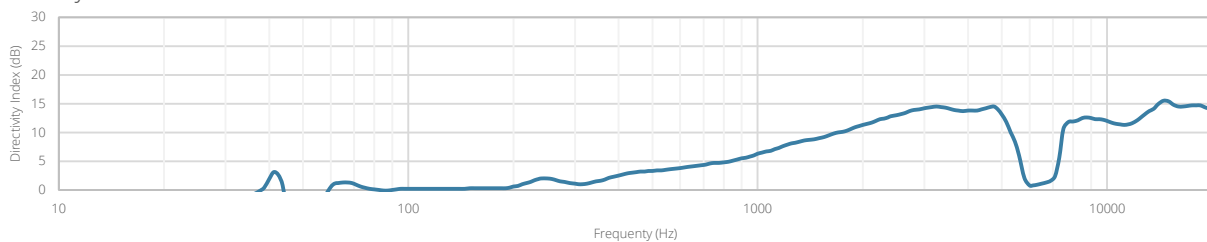
## Sensitivity:

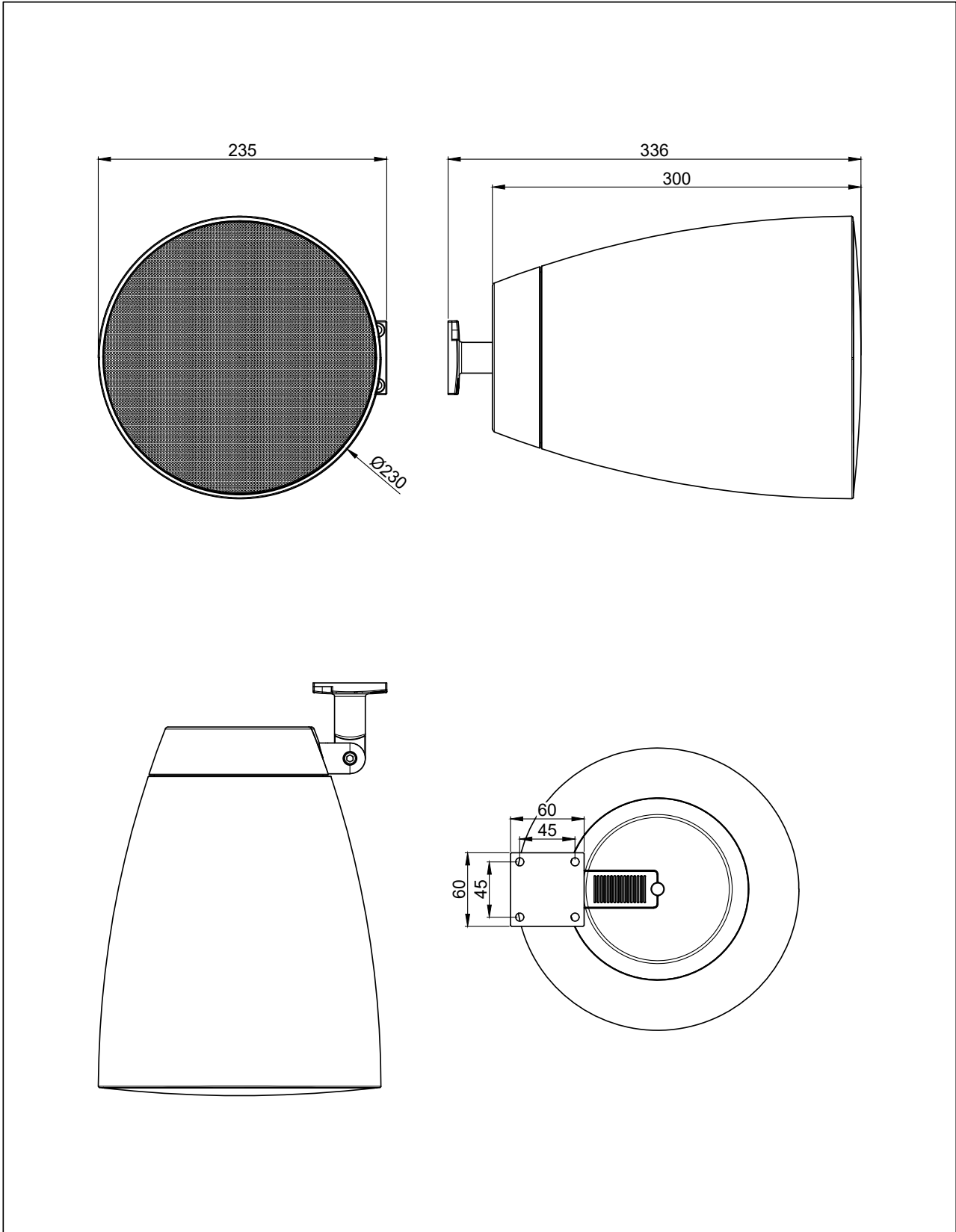



## Beamwidth (-3dB):



## Directivity index:





|   |                           |  |   |
|---|---------------------------|--|---|
|  | <b>ALTI6M</b>             |  | <b>Product description:</b><br>2-WAY 6.5" PROJECTOR SPEAKER 60W - 70V/100V & 16 OHM |
|   | <b>Weight:</b><br>4,12 kg | <b>Outer dimensions:</b><br>(w x h x d)<br>235 x 230 x 336 | <b>Unit height:</b><br>N/A  |