

## Applications

- Worship / Live Music
- Conferences
- Corporate Events
- Delay Lines
- Expandable with subs forming up a powerful front PA
- FOH loudspeaker system
- High-End Monitor, Frontfill / Nearfill

## Features + Benefits

- Elegant design, compact dimensions, low weight
- Monitor angle 55°
- 2 x 5" neodymium high performance transducers
- 1.0" high performance neodymium compression driver
- optional pan-tilt bracket for easy rigging - identical Wbracket for horizontal and vertical use

The MagnusCompact is equipped 2 x 5" Neodymium drivers and 1 x 1" Compression driver in d'Apollito arrangement. The Horn can be rotated by 90° and has a dispersion of 90°x60°. The nicely shaped enclosure is Pu coated and withstands the rigours of touring business and suboptimal weather conditions.

The Magnus Compact can be used as a fullrange or migh-high system in combination with our Subwoofers. For practical use in the field, we developed a special bracket which can be used for vertical and horizontal pitch.

The Magnus series has been engineered for semi-active drive and thus unites the economic advantages of a passively crossed over loudspeaker with the sound quality, reliability and performance of an actively (i.e. DSP) controlled system. Its internal passive network provides optimal frequency division and phase alignment of both ways, and thus excellent directivity characteristics. Equalization, speaker protection and powering is provided through our AD-Systems system amplifiers.

**Type** MagnusCompact

**Enclosure** 12/15 mm birch plywood with Polyurea coating, 55° wedge angle

**Basic layout** 2-Way passive, bass reflex tuning

**Protective Grille** 1.5 mm sheet steel, hex-stamped, black acoustic foam on inside

**Components** 2 x 5" ND low mid woofer with 1.5" VC  
1.0" ND compression driver with 1.4" VC  
90° x 60° BEM CD-Horn  
passive crossover with PPCN technology

**Frequency Response** 75 Hz-18 kHz +/-3 dB

**Power handling RMS | peak** 250 W RMS | 1.000 W Peak

**Nominal Impedance** 12 Ω

**Dispersion pattern** 90° x 60° constant coverage

**Sensitivity** 92 dB Lo-Mids, 108 dB High

**SPLmax** 122 dB (peak) @ 1m

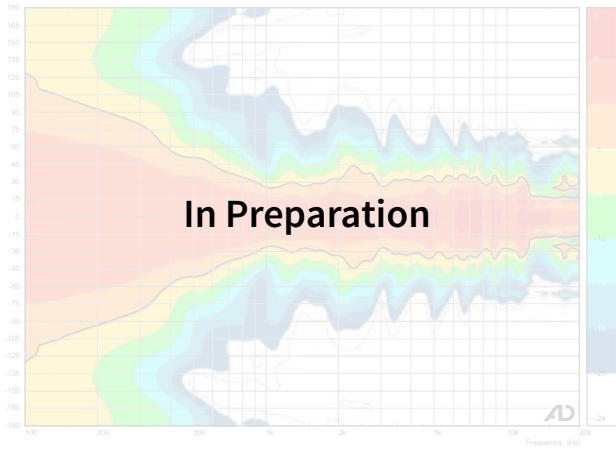
**Connectors** Neutrik Speakon NL4: 1+/1-

**Dimensions (w x h x d)** 160 x 450 x 160 mm

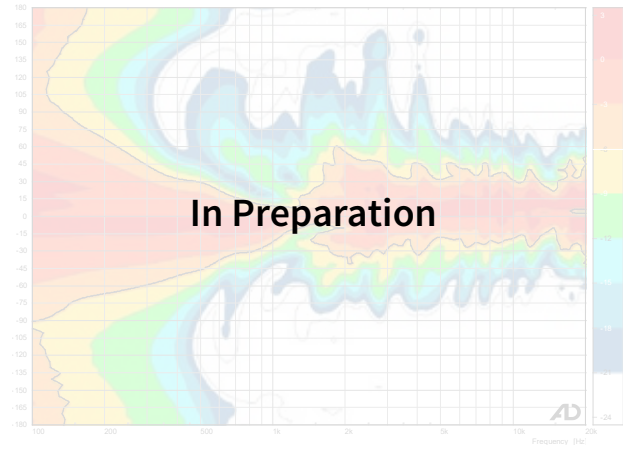
**net weight** 5,9 kg

**Accessories** Pan-tilt bracket, road case

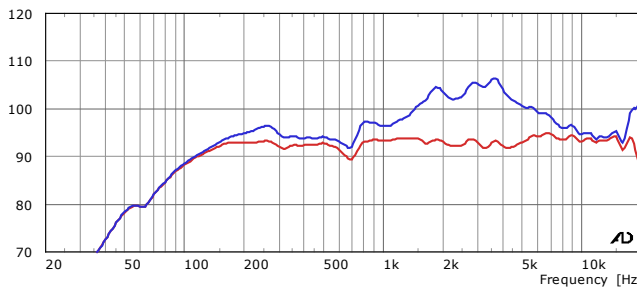
## Horizontal coverage pattern



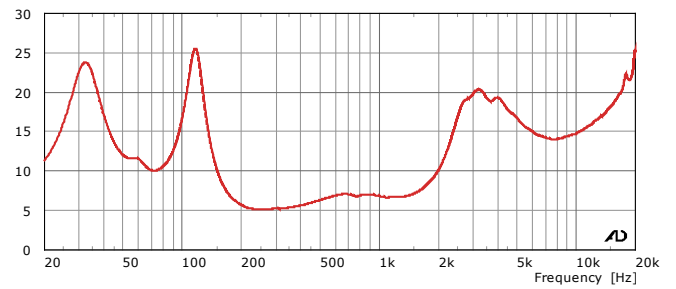
## Vertical coverage pattern



## Sensitivity / Processed Sensitivity



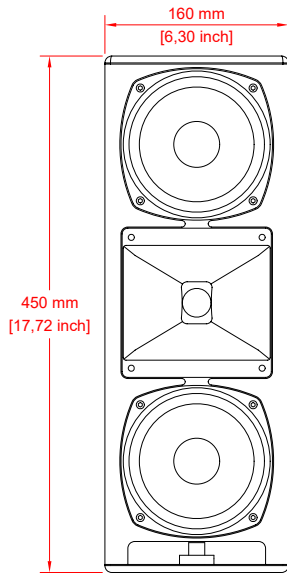
## Impedance



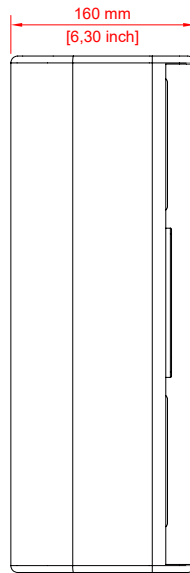
Notes on performance data and graphs:

- 2) Frequency response: Range of the processed response -6db
- 3) Power Handling: Is based on the AES power handling of the transducers.
- 4) Nominal Sensitivity: SPL at 1 Watt at nominal impedance, referenced to 1 Meter.

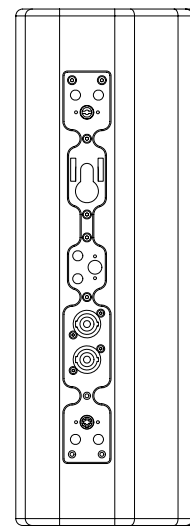
- 5) Measurement condition: Full space in the far field of the speaker. Time-windowed
- 6) Maximum SPL: Calculated from nominal sensitivity at stated peak input power.
- 7) Resolution: For better readability a 1/6 octave smoothing is applied.



Front



Side



Rear

