NELO706
Surface mount speaker

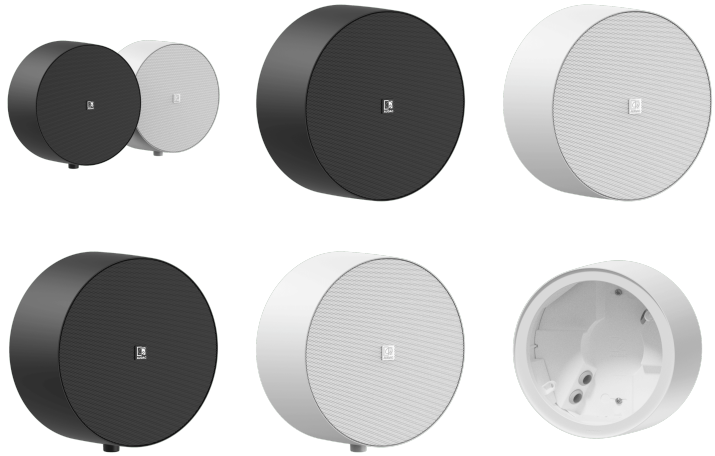
The NELO706 surface-mount loudspeakers allow installation to any wall or ceiling where functional and cost-efficient reproduction for music & speech is required. It features a 6.5" broadband loudspeaker with a continuous power handling of 10 Watt (RMS) and is fitted with a line transformer for use in 70V/100V public address systems with power tappings for 6W and 3W. The housing is minimalistic and elegant designed with a very narrow border and a finely perforated steel grill on the front. Connections are made through SnapConnect™ terminals, offering a faster, more reliable and safer choice for fixed installations. The NELO706 are available in various models with (NELO706V) and without (NELO706) individual volume controller on its side while being available in two different colors (Black /B & White /W) to blend in with any residential, commercial or industrial environment.

Please note: given specifications are preliminary and subject to change.



Applications:

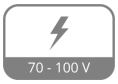
- Retail
- Hotels
- Public facilities
- Corporate spaces





CSK100 - Optional suspension kit

Voltage:



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System specifications:

Program power handling		20 W
RMS/AES power handling		10 W
Sensitivity (1W/1m)		96 dB
Sound Pressure (Max. W/1m)	@ 100 V	106 dB
Speaker type		Broadband
Connection		SnapConnect™
Drivers		6.5" Full Range
Volume control		Integrated rotary volume controller (only NELO706V)
Frequency	Response (± 3 dB)	100 Hz - 15 kHz
	Range (-10 dB)	70 Hz - 18 kHz
Line Transformer Tappings	1	833 Ω - 100 V / Not used - 70 V / 6 W
	2	1667 Ω - 100 V / 6 W - 70 V / 3 W
	3	3333 Ω - 100 V / 3 W - 70 V / 1.5 W
Dispersion	Conical	140°
Impedance		8 Ω

Product Features:

Colours	Black & White
Front finish	Steel grill
Construction	ABS
Mounting	Wall/Ceiling mounting (two screw holes)
	CSK100 ceiling suspension kit (optional)
Colours	White (RAL9003) (NELO706/W)
	Black (RAL9005) (NELO706/B)
Dimensions	206.5 x 95 mm (Ø x D)
Operating temperature	-25 °C ~ 70 °C

Variants:

- NELO706/B - Black version without volume controller
- NELO706/W - White version without volume controller
- NELO706V/B - Black version with volume controller
- NELO706V/W - White version with volume controller

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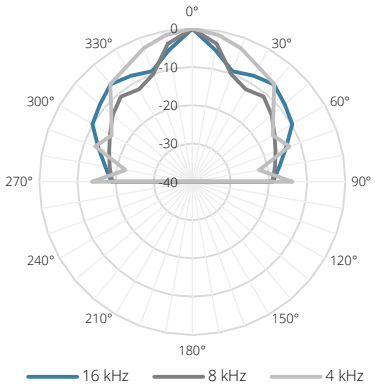
Architects' and Engineers' Specifications:

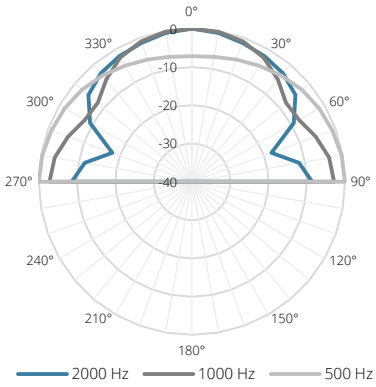
The surface-mount loudspeaker shall be a full-range type equipped with a 6.5" driver and fitted with a line transformer allowing it to be used on 100 Volt distributed line systems. It shall have an RMS power handling of 10 Watt with a maximum power handling of 20 Watt and the frequency response (±3 dB) shall range from 100 Hz to 15 kHz. The sensitivity shall be 96 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 106 dB. The nominal dispersion shall be a 140° conical coverage pattern at -6dB (average 100 Hz - 10 kHz). The loudspeaker shall fitted with a multitapping line transformer with tappings for 6 Watt and 3 Watt. Fast and safe connection of the system shall be possible using SnapConnect™. The speakers frame shall be constructed in high quality ABS material and the front shall be finished through a borderless and finely perforated steel grill. It shall come available in both white (RAL9003) and black (RAL9005) colours and custom painting shall make it blend-in with any environment. The speaker shall have a diameter of 206,5mm, a depth of 95 mm and the weight shall not exceed 1,08 kg. The speaker shall be fixed to the wall with two screws spaced 130 mm apart.

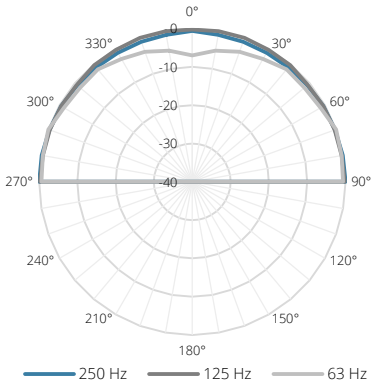
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Acoustical data graphs:

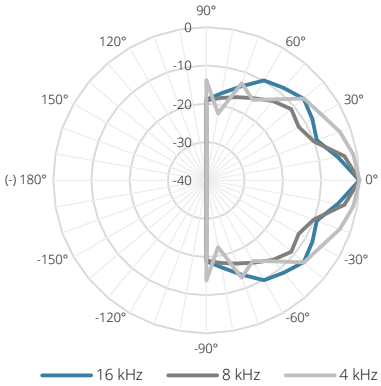
Horizontal Polars:

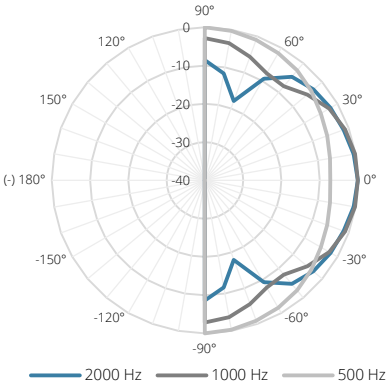


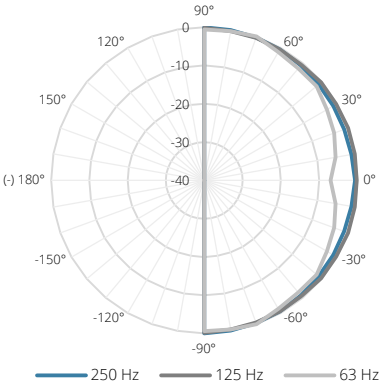




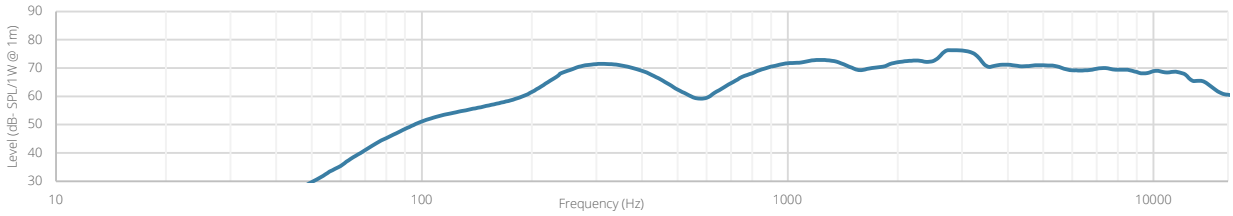
Vertical Polars:



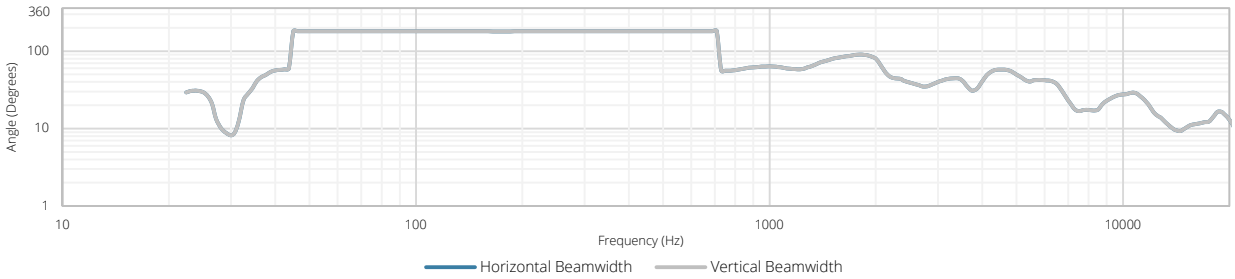




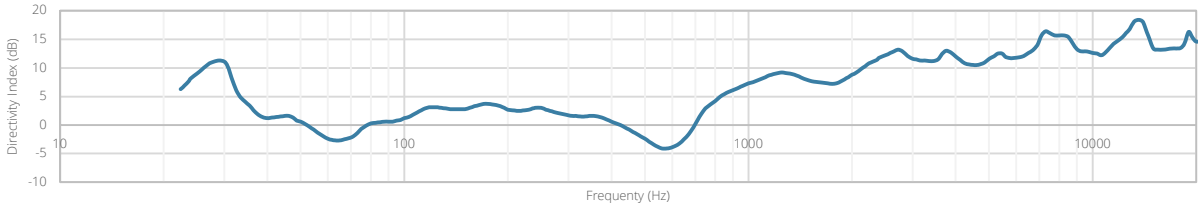
Sensitivity:



Beamwidth (-3dB):

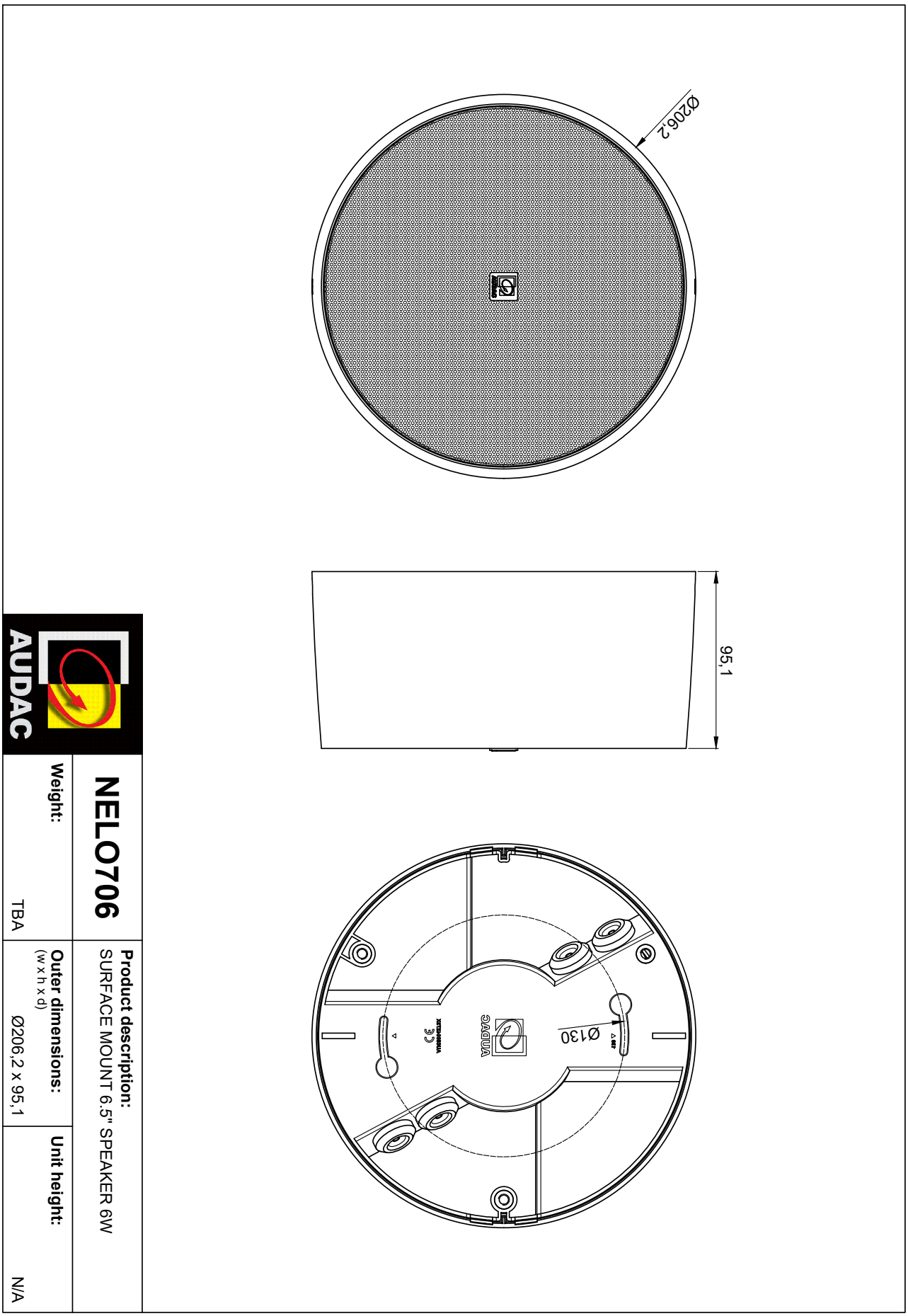


Directivity index:

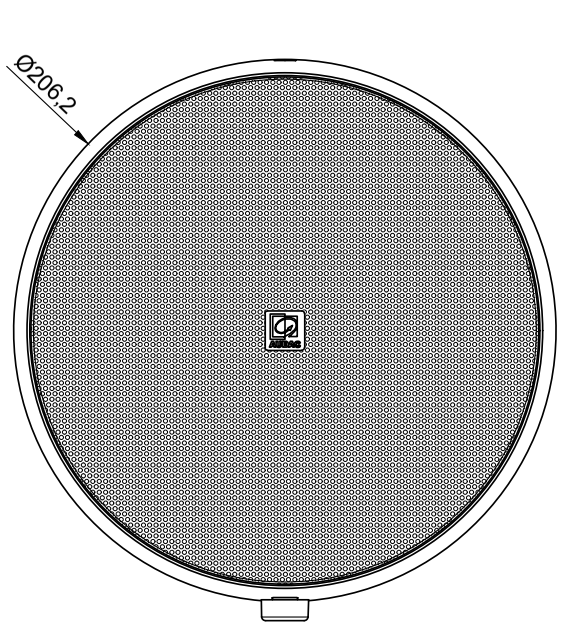


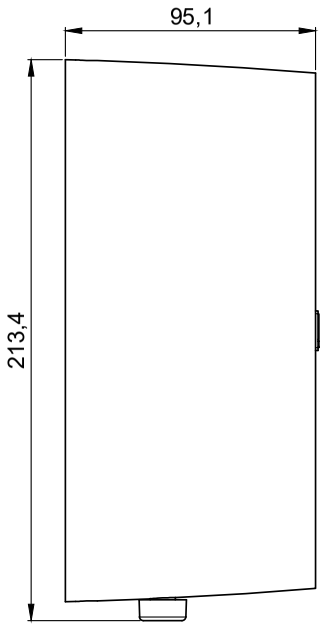
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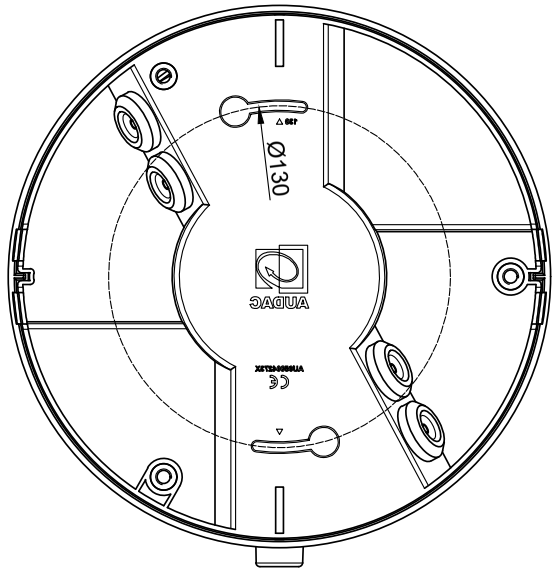
Technical drawings:



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AUDAC	**NELO706V**	**Product description:** SURFACE MOUNT 6.5" SPEAKER 6W WITH VOLUME CONTROL	
	Weight: TBA	**Outer dimensions:** (w x h x d) 206,2 x 213,4 x 95,1	**Unit height:** N/A

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