

Enclosure

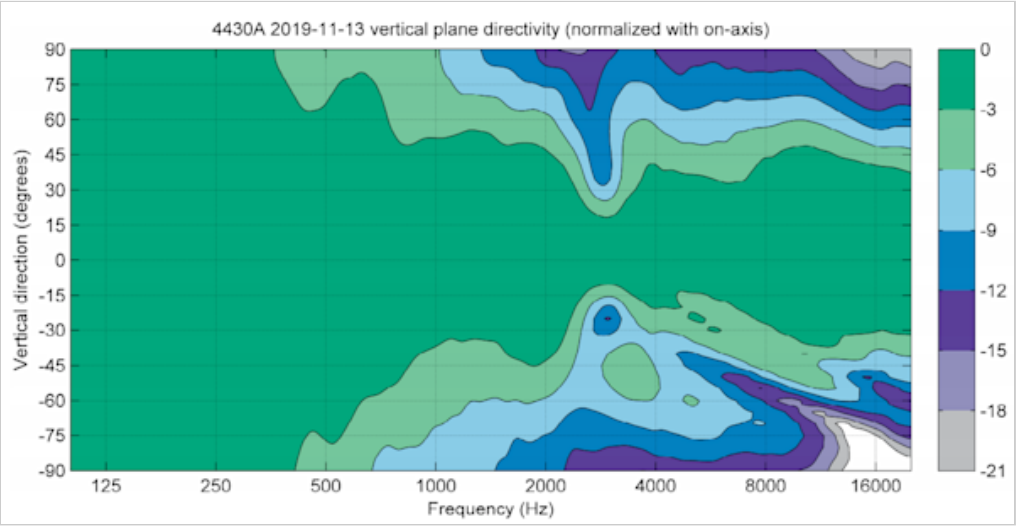
Enclosure material	Enclosure type
Die cast aluminium	Reflex port

Drivers

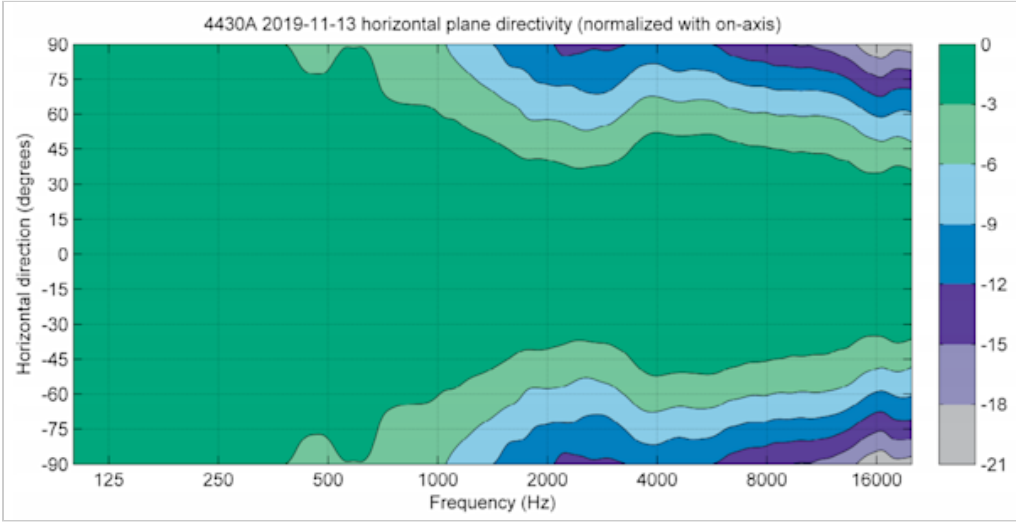
Woofer	Tweeter
Driver type	Driver type
Cone	Metal dome
Diameter	Diameter
130 mm (5 1/8 in)	19 mm (3/4 in)

Directivity

Vertical directivity



Horizontal directivity



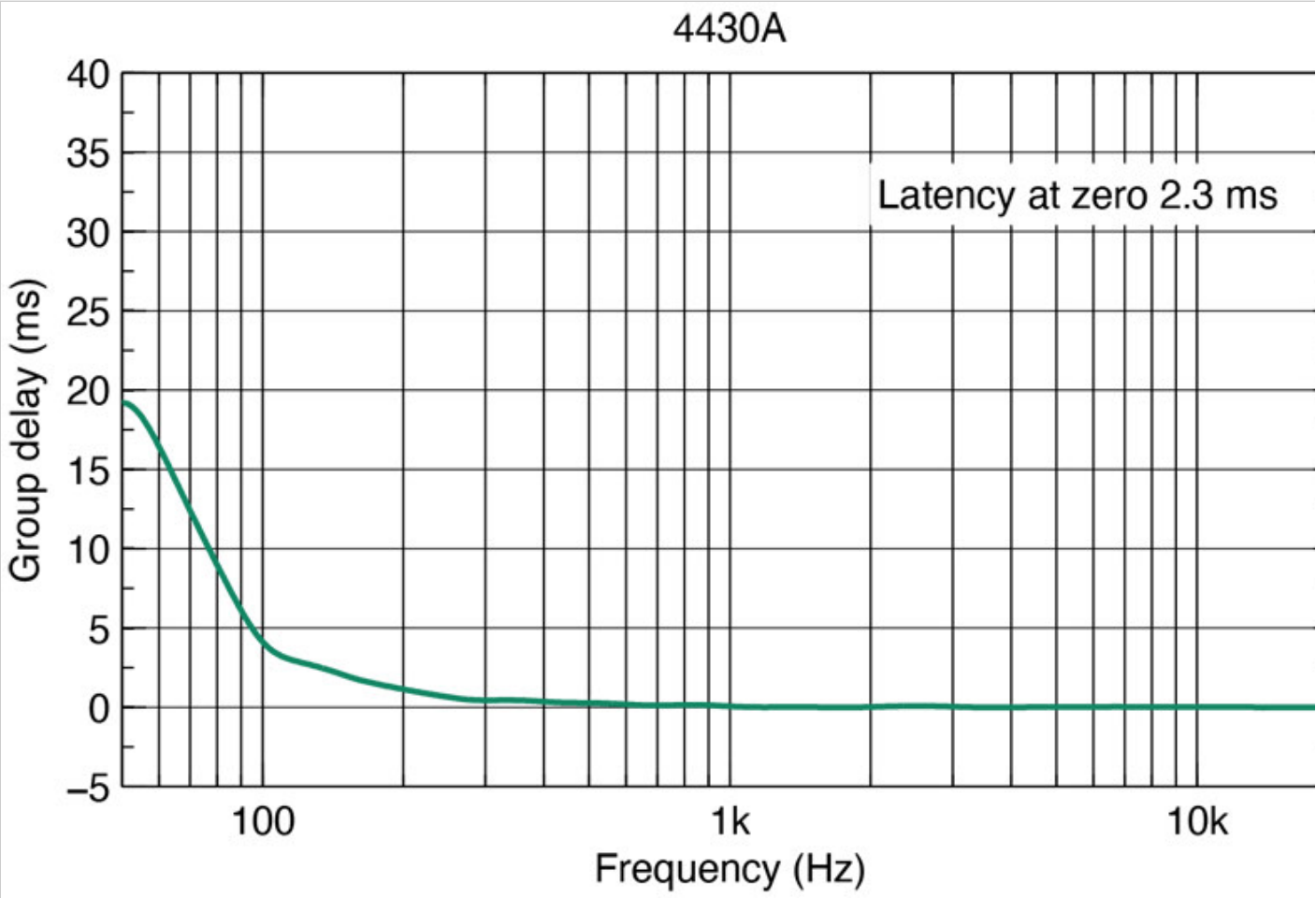
Harmonic distortion

- 50...200 Hz ≤2 %
- > 200 Hz ≤0.5 %

Group delay

The latency at high frequencies from the input to the acoustic output, measured in the analog input:
2.3 ms

In Genelec performance graphics, the time of converting the from an electronic input signal to the acoustic output in a Genelec monitor is described by two factors – latency and group delay. The group delay factor can be read in the graphics for a specific frequency. The total frequency-specific input-to-output delay is a sum of the latency and group delay factors. To understand the significance of this total delay, consider that moving a loudspeaker away by 1 meter creates an additional delay of about 3 ms.



Amplifier Section

Amplifiers

4430A bass amplifier	4430A treble amplifier
50 W Class D	50 W Class D

Mains voltage

PoE+ / PoE

Power consumption

ISS Active	Idle	Full output
≤4 W	≤5 W	25.5 W

Signal processing section

Connectors

Input	Input
Ethernet (Power over Ethernet and Audio over IP)	Audio input is via a 10 kOhm balanced connector.

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Crossover

Bass/Treble
2900 Hz

Product Variants

Product codes

Code	Product information	EAN code	CN code
	4430A Smart IP Installation Speaker Black		
	4430A Smart IP Speaker White		
	4430A RAL Colors		
	4030C Installation Speaker RAW		

For even more technical details please see product operating manual.