NOBA8A

Compact 8” active bass cabinet

Highlights:

- Lightweight class-D amplifier
- Advanced DSP and loudspeaker management
- WaveDynamics™ speaker & set configurations
- Modern and elegant design
- Wall mounting bracket included
- 8" high-performance woofer
- Innovative & unique design
- Countless mounting possibilities
- High grade aluminum construction
- Satelite amplifier for complete set solutions (2.1)
- USB connection for preset loading

Product information:

The NOBA8A is a compact 8" active bass cabinet which is characterized by an innovative & unique design. With its curved shape, made of 4 mm thick aircraft graded aluminum and its extremely powerful 8” woofer of 200 Watts, the NOBA8A is able to deliver an unheard low frequency response for its small woofer size. The perfect acoustic experience is guaranteed when the entire audio frequency spectrum is equally distributed.

The slick look of the NOBA8A allows it to be placed against a wall, on the ceiling or even underneath furniture, yet due to the unique composition of its parts, NOBA8A ensures a much better spreading of sound waves than other similar cabinets. NOBA8A’s integrated class-D amplifier provides an impressive clarity of 150 Watts for both of the top speaker outputs to ensure impeccable sound division. It uses AUDAC’s WaveDynamics™ technology, which allows the user to easily set up the optimal acoustic configuration. The user can simply load its preferred audio settings through NOBA8A’s integrated USB input. The balanced input connections are connected using 3-pin terminal block connectors, while each high frequency output features two connectors. This allows you to connect up to 4 (8 Ohm) or 8 (16 Ohm) loudspeakers.

An included wall mounting bracket offers convenient mounting possibilities to any wall, while fixation to ceilings is possible through optionally available accessories. An optional 2.4 GHz remote control allows handheld control of NOBA's basic functionalities, even while hidden out of sight.

Applications:

- Hotels
- Corporate
- Residential
- Bars & Restaurants
- Retail
- Education

We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

System specifications:

Speaker type			8” Bass reflex cabinet
Peak power handling			400 W
Program power handling			200 W
RMS/AES power handling			100 W
Sensitivity (1W/1m)			83 dB
Sound Pressure (Max. W/1m)			108 dB
Frequency	Response (± 3 dB)		90 Hz - 350 Hz
	Range (-10 dB)		45 Hz - 350 Hz
RMS/AES power handling	Satellite	@ 4 Ω Stereo	2 x 150 W
		@ 8 Ω Stereo	2 x 75 W
Signal / Noise			> 85 dB
Crosstalk (@ 1 kHz)			> 100 dB
Technology			Class-D
Drivers			8” ferrite with 2.4” voice coil
Connectors	Input		3-pin Euro Terminal Block (Pitch - 3.81 mm)
	Output		2-pin Euro Terminal Block (Pitch - 5.08 mm)

Product Features:

Dimensions		558 x 383 x 149 mm (W x H x D)
Weight		9.75 kg
Construction		Aluminium with plastic side covers
Mounting & handling		Mounting wall bracket
Colours		Black (RAL9004) (NOBA8A/B)
		White (RAL9003) (NOBA8A/W)
Accessories	Included	Wall mounting bracket
	Optional	RMT40 2.4 GHz remote control
		MBK410C Ceiling mount bracket

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Architects' and Engineers' Specifications:

The bass cabinet shall be a compact active model characterized by an innovative and unique design. The construction shall be a bass reflex type incorporating a 8" transducer with 2.4" voice coil and powerful ferrite type magnet. It shall have a power handling of 200 Watt, with a frequency response (-10 dB) ranging from 45 Hz to 350 Hz. The sensitivity shall be 83 dB when measuring with an input signal of 1 Watt at a distance of 1 meter, while the maximum continuous sound pressure level shall reach 108 dB. The integrated amplifier shall use WaveDynamics™ audio processing technology and contain three independent controllable chan-nels. One channel shall be used for powering the integrated low frequency transducer. The other two channels with an output power of 2 x 150 Watt RMS @ 8 Ohm are used for powering external satellite speakers. The amplifier shall use Class-D amplifier technol-ogy powered by a switch mode power supply. An USB slot shall allow loading set solution presets, containing parameters for defining the optimal system performance. Typical DSP functionalities shall include filters selectable between low-pass, high-pass and band-pass with Butterworth, Linkwitz-Riley or Bessel characteristics. Other functions such as output power limiting, time alignment delay and dynamic bass boost shall also be implemented. A software configurable standby function shall make it comply with energy-star requirements. The integrated amplifier shall be passive cooled, resulting in zero additionally produced acoustic noise. Integrated circuitry shall protect against short-circuits or mismatched loads and over-heating. Additionally, the load shall be protected against DC faults and a clip limiter shall automati-cally reduce the input gain at onset of distortion. The construction shall be made using 4 mm thick aluminium with plastic side covers and grilles, which are finished with a structured coating which comes available in both black (RAL9004) & white (RAL9003) color. Input connections shall be implemented using 3-pin terminal block connectors, while the outputs for the satellite speakers are connected using 2-pin terminal block connectors. The active bass cabinet shall operate on a 100~240 V AC - 50/60 Hz mains network and shall be equipped with a removable power cord having a standard shuko (CEE 7/7) AC plug. The connector on the amplifier chassis shall be a IEC C14 type. The enclosure shall be 558 mm wide, 383 mm high and 149 mm deep and the weight shall not exceed 9.75 Kg. The system shall come delivered with an included wall mounting bracket, while a ceiling mounting bracket shall be optionally available. Remote control shall be possible through an optional (2.4 GHz) remote controller.

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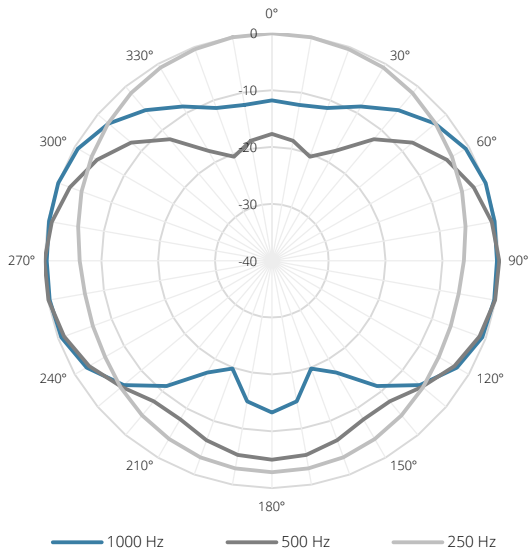
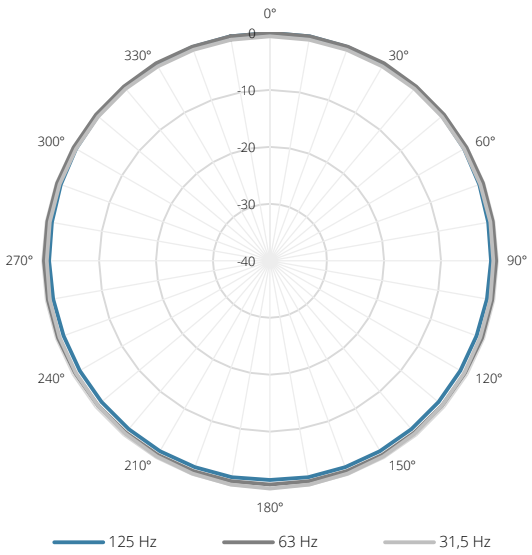
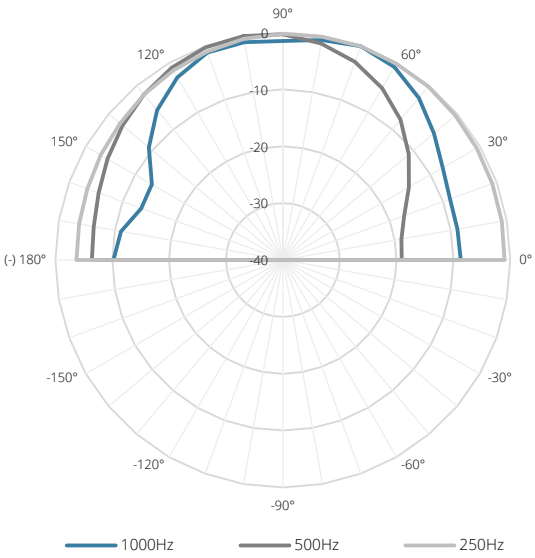
Acoustical data graphs:

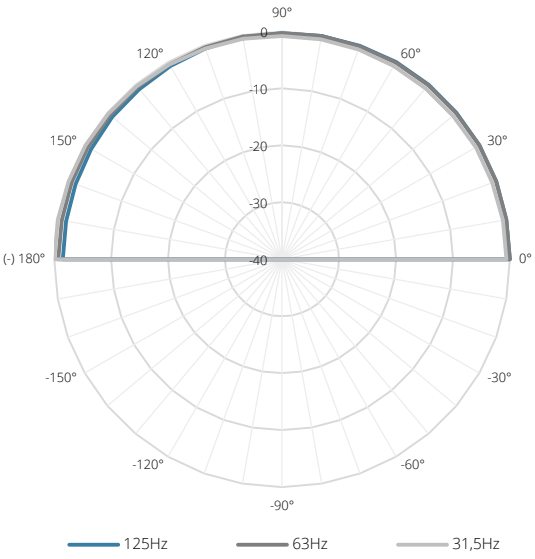
Horizontal Polars:



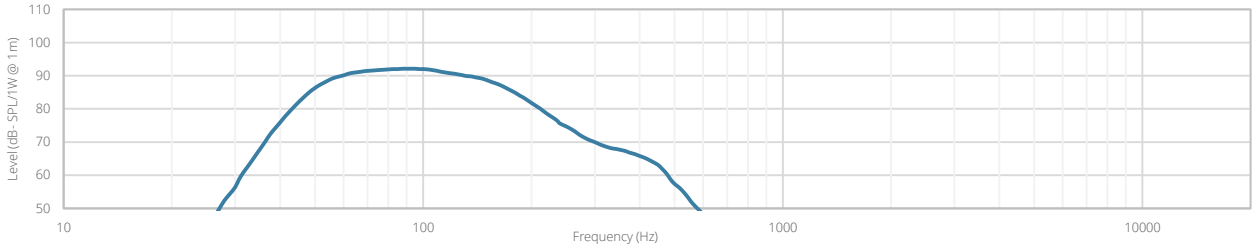


Vertical Polars:





Sensitivity:



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