



Beta Three

# NI5a





Beta Three

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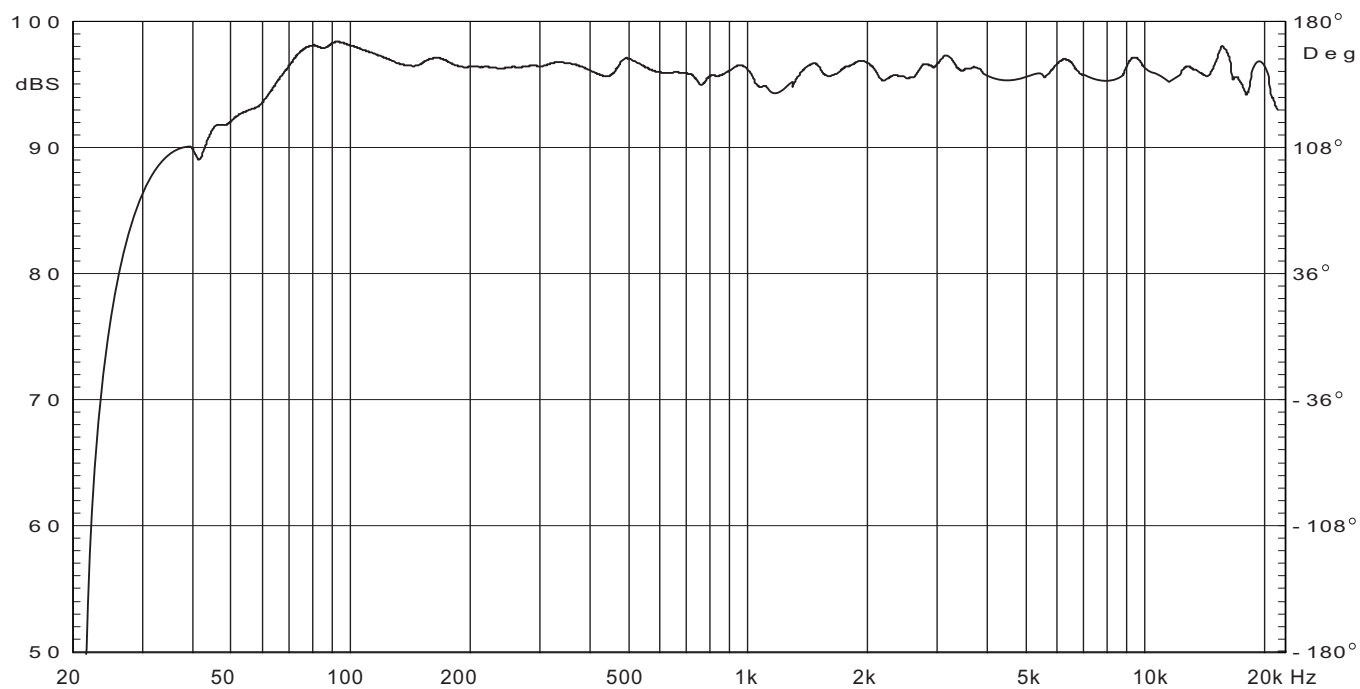
## PRODUCT FEATURES

- Two transducers two-way full range plastic speaker, adopting high efficiency transducers. With computer simulation design.
- N15a is high SPL, dynamic power full range active plastic speakers.
- 90° x 40° dispersion
- Used for full fields sound reinforcement, bar and dancing pool applications
- Suitable for many large-scale sound engineering or touring live performance monitor, reproducing and equalizing using.
- Flexible installations and convenient for any venues applications

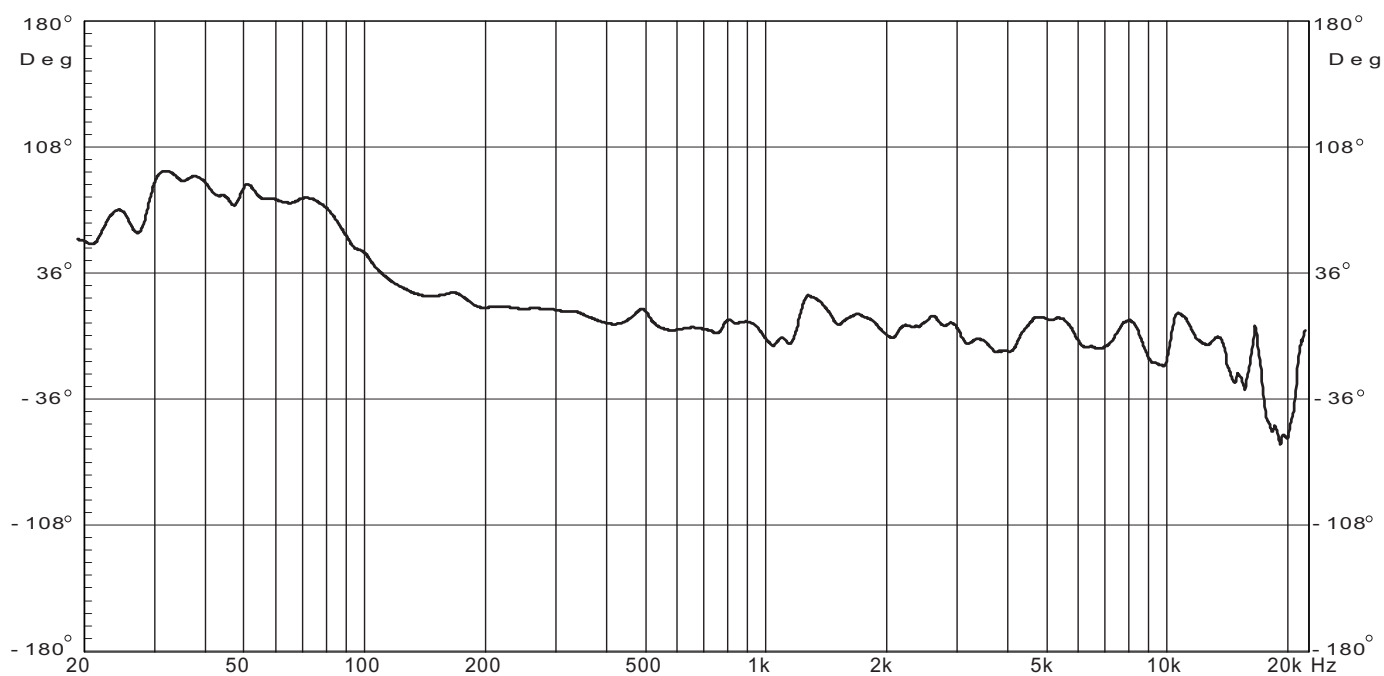
## SPECIFICATIONS

Transducers	LOW : 15" x 1 i: 1 x 44 mm	
Frequency Response(-3dB):	50HZ - 18KHZ	
Sensitivity ( 1m/1W )	Line: 775mm	25m v
Max Sound Level(dB/1M):	120dB	
Dispersion ( H × V )	90° 40°	
Rated Power ( RMS )	HF :100W + LF :300W	
Input impedance:	Balanced :20K	Unbalanced :10K
Tone adjust range:	± 12dB	
THD	< 3%	
Input/Output:	Input:XLR 3P J	Output:XLR 3P
Power supply:	AC115V /230V 50/60Hz	
Net Weight	31kg	
Gross Weight	34kg	
Dimensions ( W × H × D )	488x 700x 460mm	
Packing Dimensions ( W × H × D )	545x 800x 515mm	

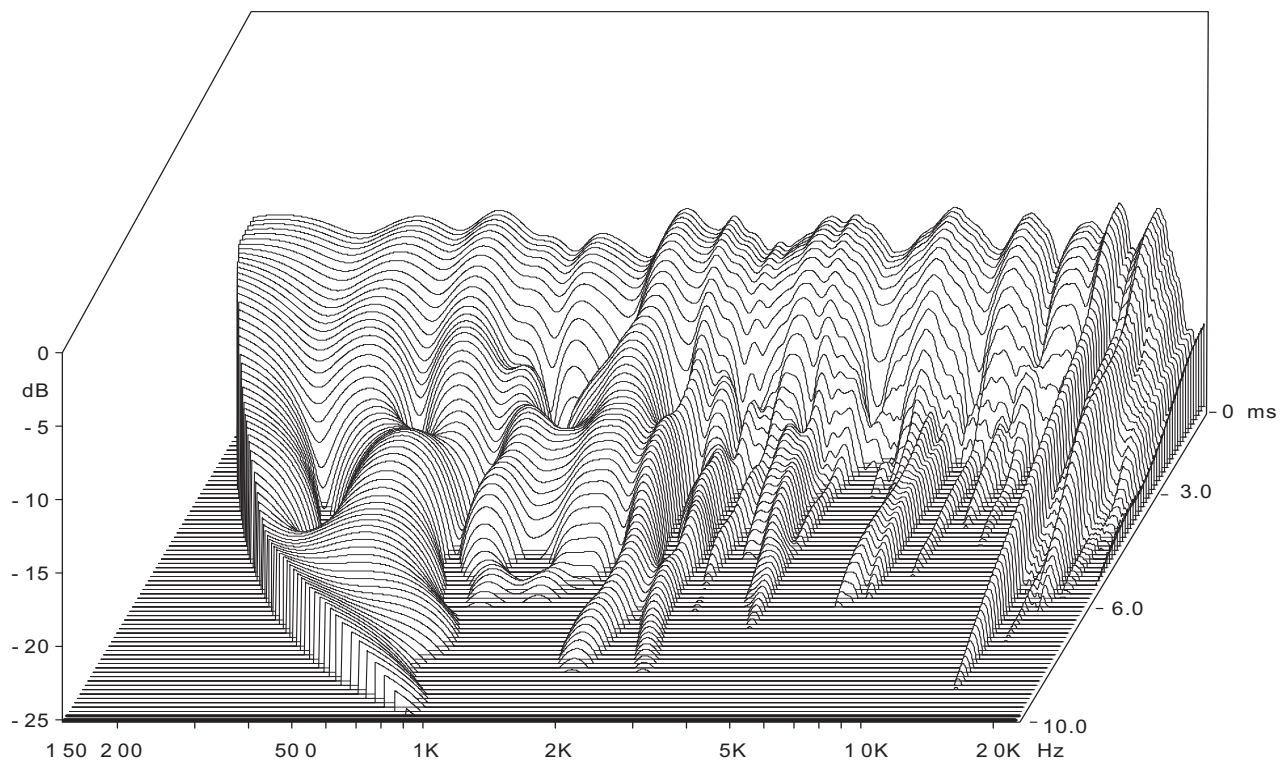
## FREQUENCY RESPONSE



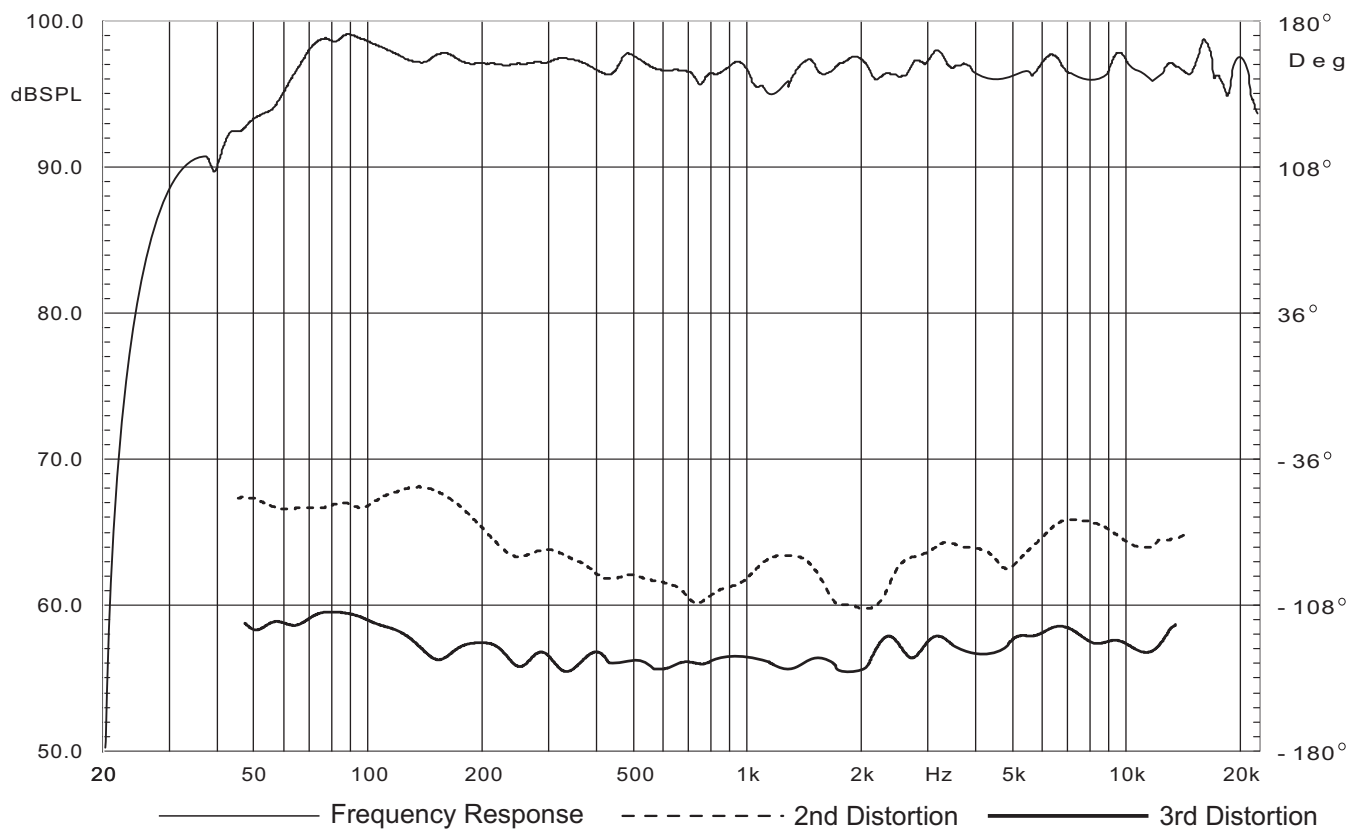
## PHASE CURVE



## WATERFALL

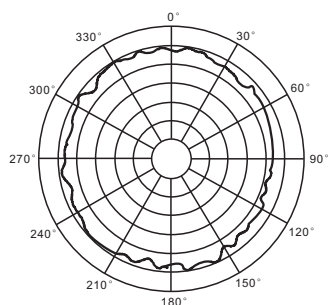


## THD

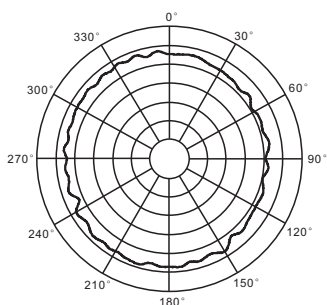


## HORIZONTAL DIRECTIVITY

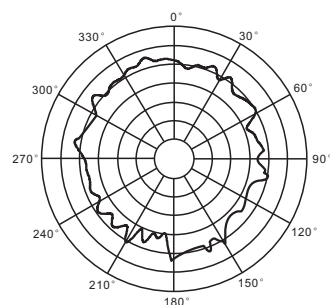
The data of N15a horizontal directivity were collected by testing the speaker system in a big anechoic chamber.



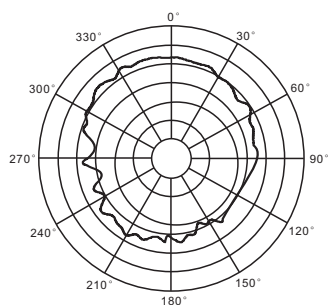
100Hz



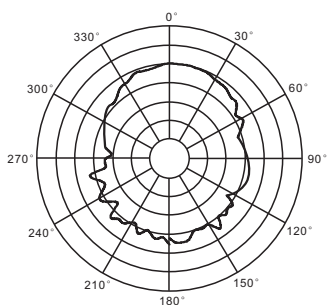
160Hz



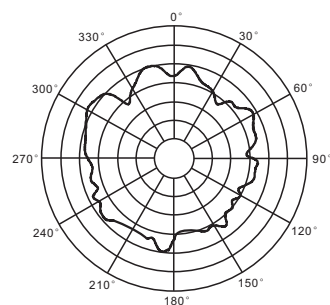
200Hz



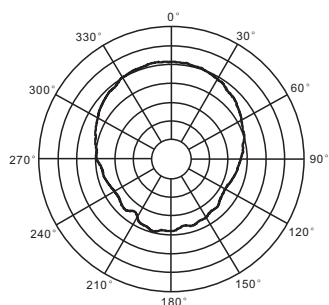
400Hz



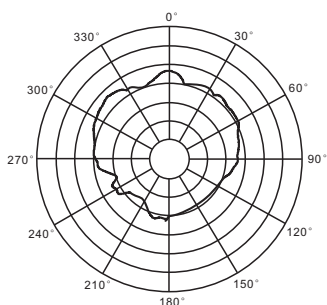
630Hz



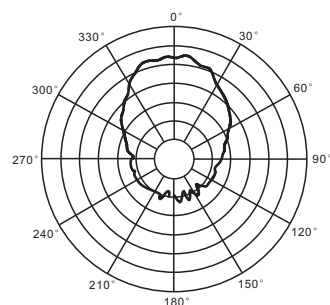
1.0kHz



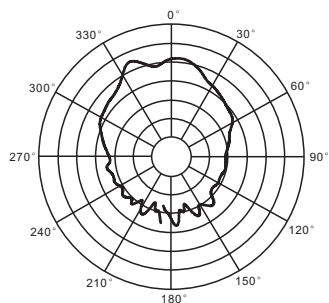
1.6kHz



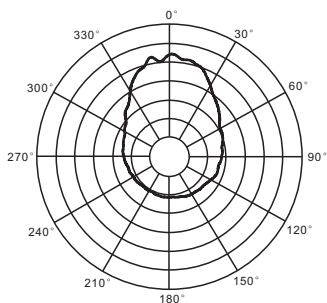
2.5kHz



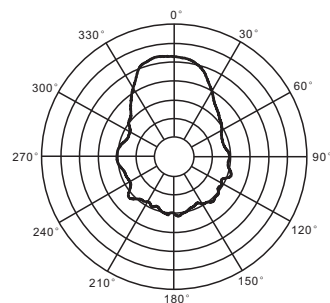
3.15kHz



6.3kHz



10kHz

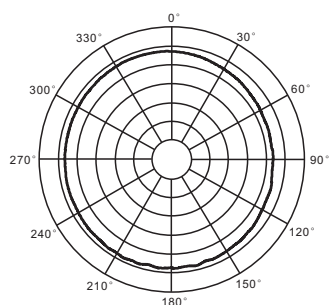


16kHz

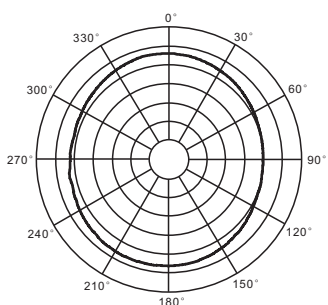
The scale is stepped by 6dB increment.

## VERTICAL DIRECTIVITY

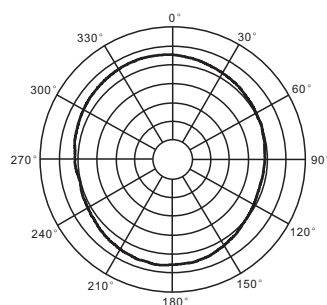
The data of N15a vertical directivity were collected by testing the speaker system in a big anechoic chamber.



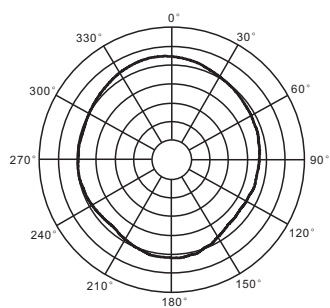
100Hz



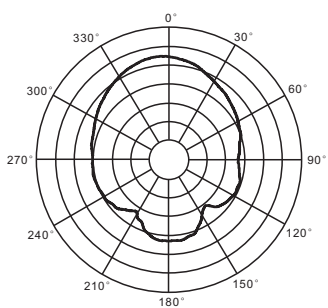
160Hz



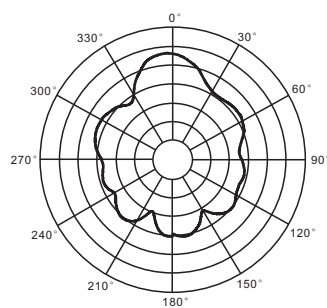
200Hz



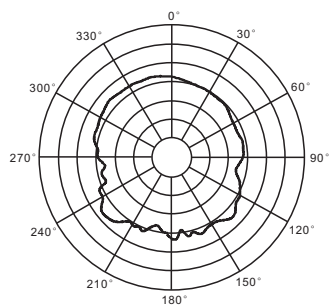
400Hz



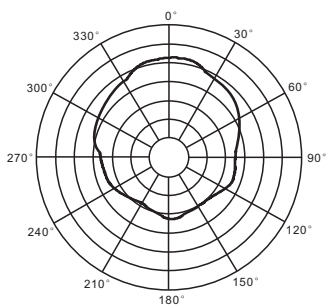
630Hz



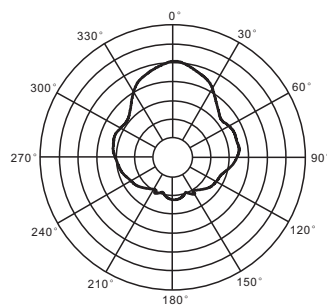
1.0kHz



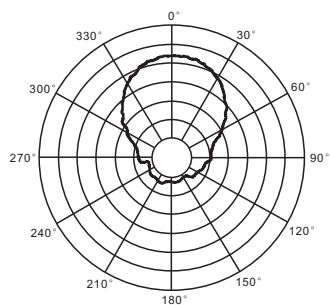
1.6kHz



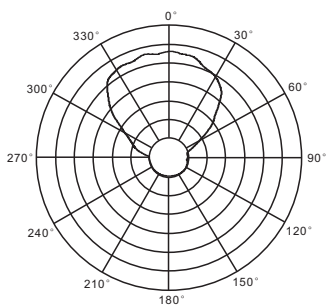
2.5kHz



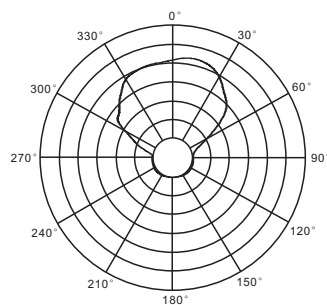
3.15kHz



6.3kHz



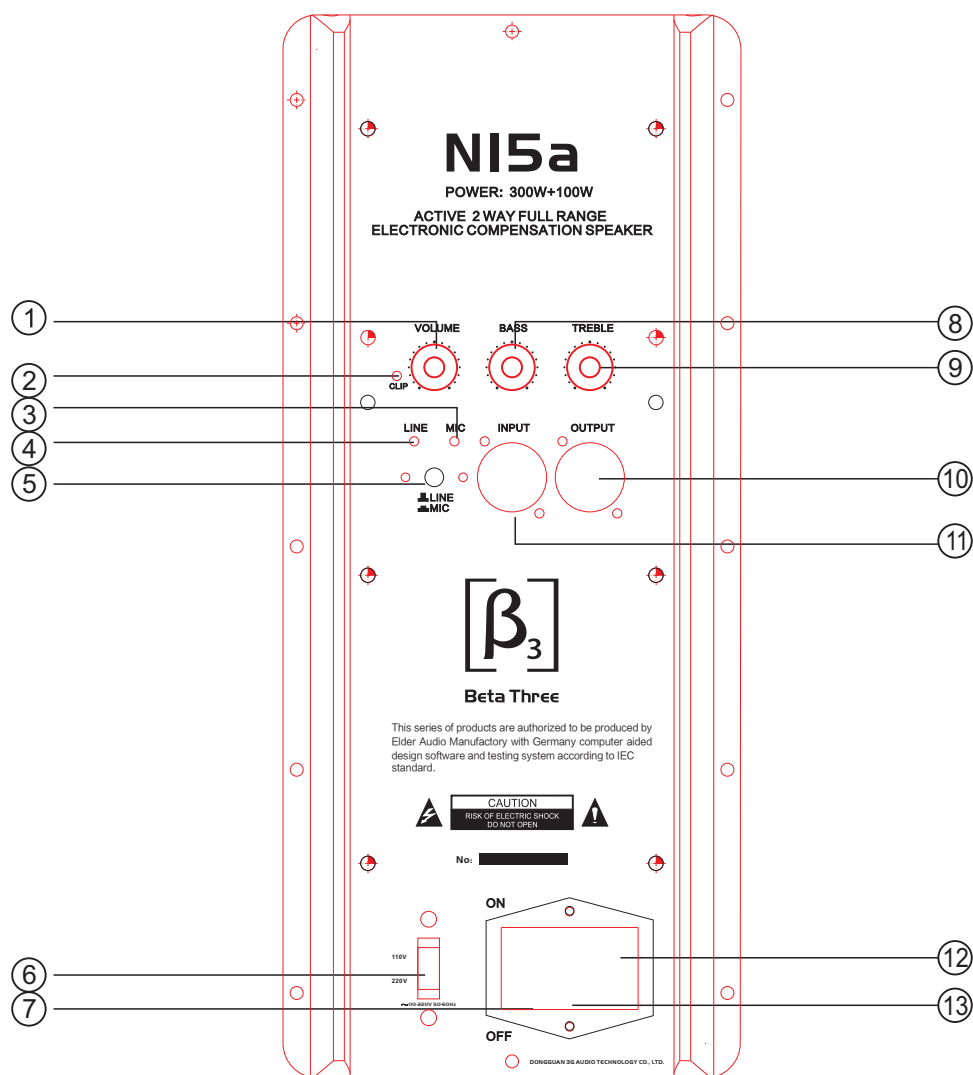
10kHz



16kHz

The scale is stepped by 6dB increment.

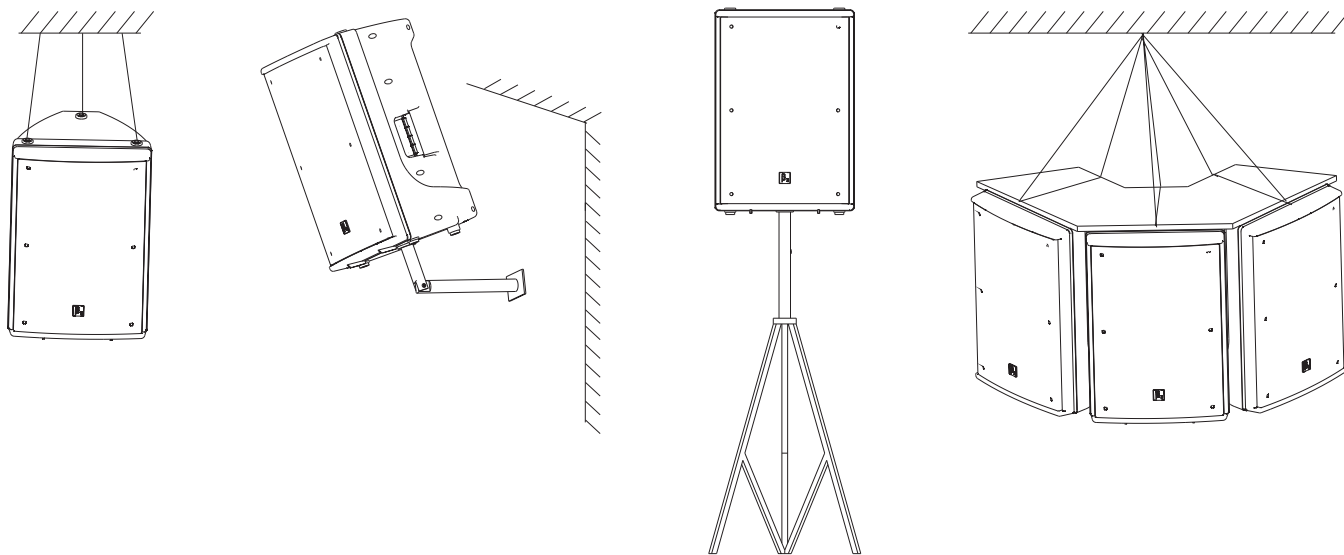
## AMPLIFIER MODULE



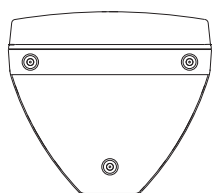
1. Volume control.
2. Clip indicator.
3. Microphone input signal presence indicator.
4. Line input signal presence indicator.
5. Line/microphone selector.
6. 115V/230V voltage input selector.
7. Power **ON/OFF** switch.
8. Bass control.
9. Treble control.
10. Line/microphone output.
11. Line/microphone input.
12. Power supply input. Make sure that the voltage selector is set for your country's correct voltage.
13. Protection fuse. Use only fuses of the correct amp rating.



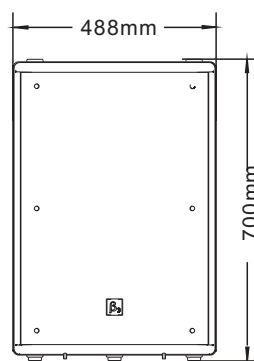
## INSTALLATION



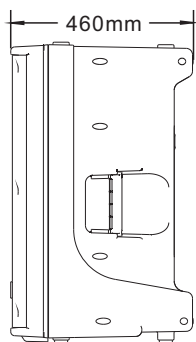
## DIMENSIONS



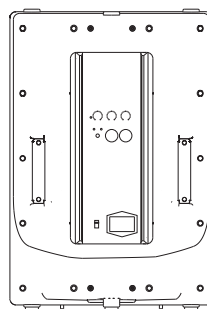
Planform



Front view



Side view



Back view

## LIMITED WARRANTY

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If malfunction occurs during the specified warranty period from the date of original purchase, the product will be repaired or replaced without charge by Elder Audio.

The Limited Warranty does not apply to:

- (a) exterior finish or appearance;
- (b) certain specific items described in the individual product data sheet or owner's manual;
- (c) malfunction resulting from use or operation of the product other than as specified in the individual product data sheet or owner's manual;
- (d) malfunction resulting from misuse or abuse of the product;
- (e) malfunction occurring at any time after repairs have been made to the product by anyone other than Elder Audio Service or any of its authorized service representatives.

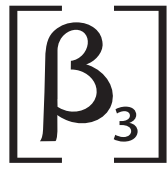
To obtain warranty service, customer must deliver proof of purchase of the product in the form of a bill of sale or receipt invoice.

N15a Speakers and Speaker Systems are guaranteed against malfunction due to defects in materials or workmanship for a period of three (3) years from the date of original purchase. The Limited Warranty does not apply to burned voice coils or malfunctions such as cone and/or coil damage resulting from improperly designed enclosures. Additional details are included in the Limited Warranty statement.

N15a Accessories are guaranteed against malfunction due to defects in materials or workmanship for a period of one (1) year from the date of original purchase. Additional details are included in the Limited Warranty statement.

N15a Flying Hardware (including enclosure-mounted hardware and rigging accessories) is guaranteed against malfunction due to defects in materials or workmanship for a period of one (1) year from the date of original purchase. Additional details are included in the Limited Warranty statement.

**Specifications are subject to change without notice.**



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