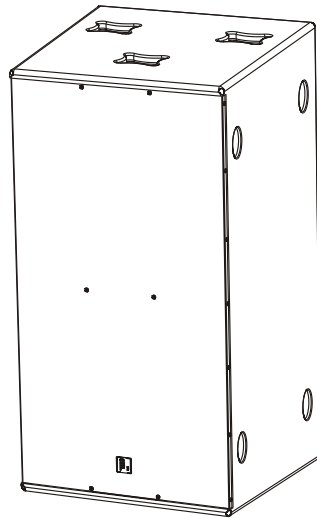




Beta Three

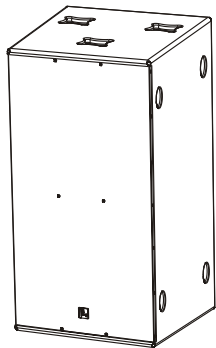
# ΣJ218





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## INTRODUCTION

β 3 Σ J series are mainly for the entertainment venues like rock bar, Disco bar, performance bar, night club, touring performance and portable equalizing sound reinforcement.

Σ J series speaker adopt trapezia design, it is convenient to form a cluster, suitable for stage monitor, and reduce the standing wave inside the cabinet. The well-chosen MDF with high intensity can absorb the exceptional sound from the speaker cabinet' s syntony. Σ J series has standard frying construction and SPK socket input which is convenient for the installation.

Σ J series are developed and produced by the combination of the latest computerized stimulation design technology, the latest loudspeaker materials and manufacture technology. All transducers adopt the most optimized magnetic circuit having high magnetic energy, low distortion and excellent ventilation. LF transducers use nonlinear thickness long fabric paper cone with special painting cloth surround and high power sandwich type voice coil. Symmetrical magnetic circuit was also adopted and all these ensure the linear moving when LF works under high power. The HF transducers take titanium diaphragm treated by high temperature and rectangle voice coil and linear phase design compression chamber. With the wide dispersion horn to get a wide sound covering field and our new symmetrical protect circuit with adjustable delay, the sound and product quality can be guaranteed.

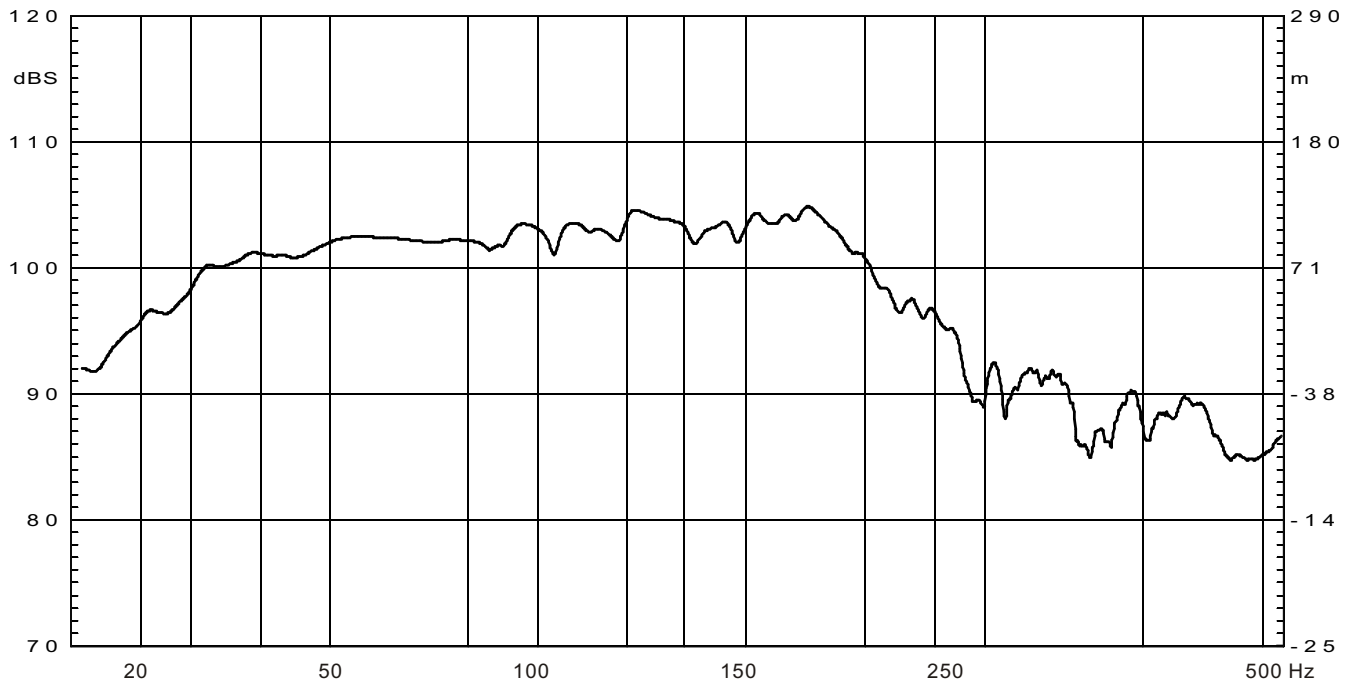
## FEATURE

- Computer optimized analog design in order to get good response and phase feature.;
- Two way sub-frequency, high sensitivity speaker;
- Two 18 inch professional high effective woofer unit;
- Mono amplifier promotes;
- It is used for all kinds of rock-and roll bar, hall, club and all kinds of dynamic performance in entertainment for reinforcement sound;
- It is used for high quality music repeating, and can match β 3 Σ J212, Σ J215 etc high power full range speaker.

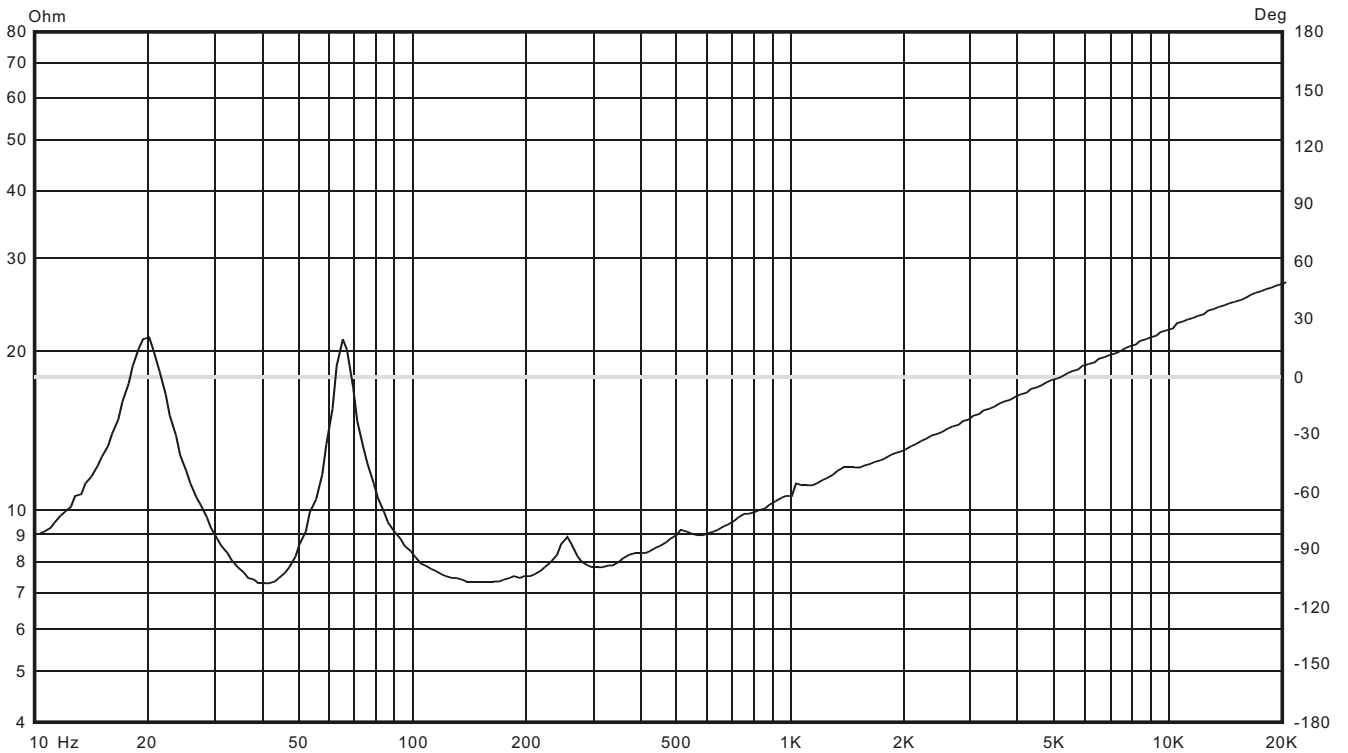
## SPECIFICATION

Transducer	LF: 18" × 2
Frequency Response(-3dB)	35Hz-1.8kHz
Sensitivity(1W/1m)	102dB
SPL(1m)	134dB
Max.SPL(1m)	140dB
Power(RMS)	1600W
Power(Program)	3200W
Power(Peak)	6400W
Rated Impedance	4 Ω
DC Impedance	2.6 Ω
Crossover Point	<250Hz
THD	<3%
Input Connectors	NL4 × 2
Net Weight	85kg
Gross Weight	90kg
Dimensions (W×D×H)	567 × 786 × 1075mm
Packing Dimensions(W×D×H)	1202 × 898 × 702mm

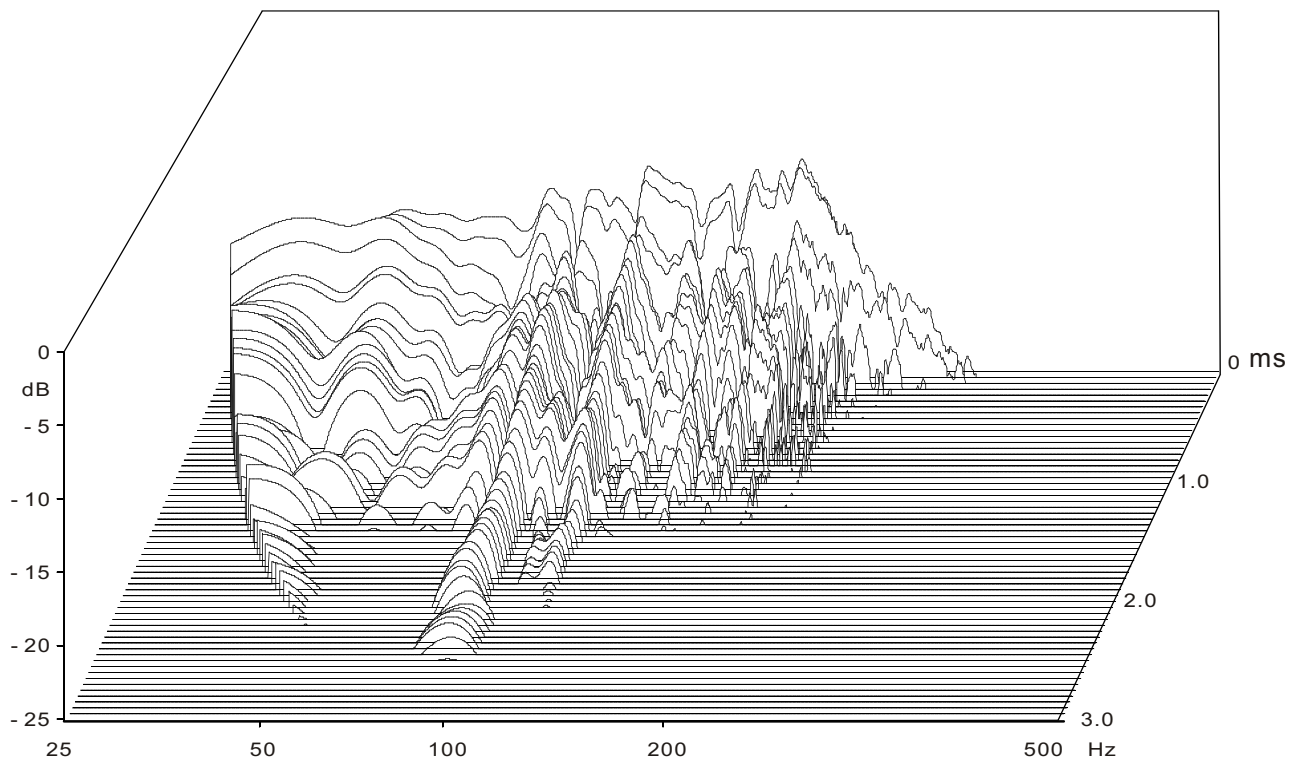
## FREQUENCY RESPONSE



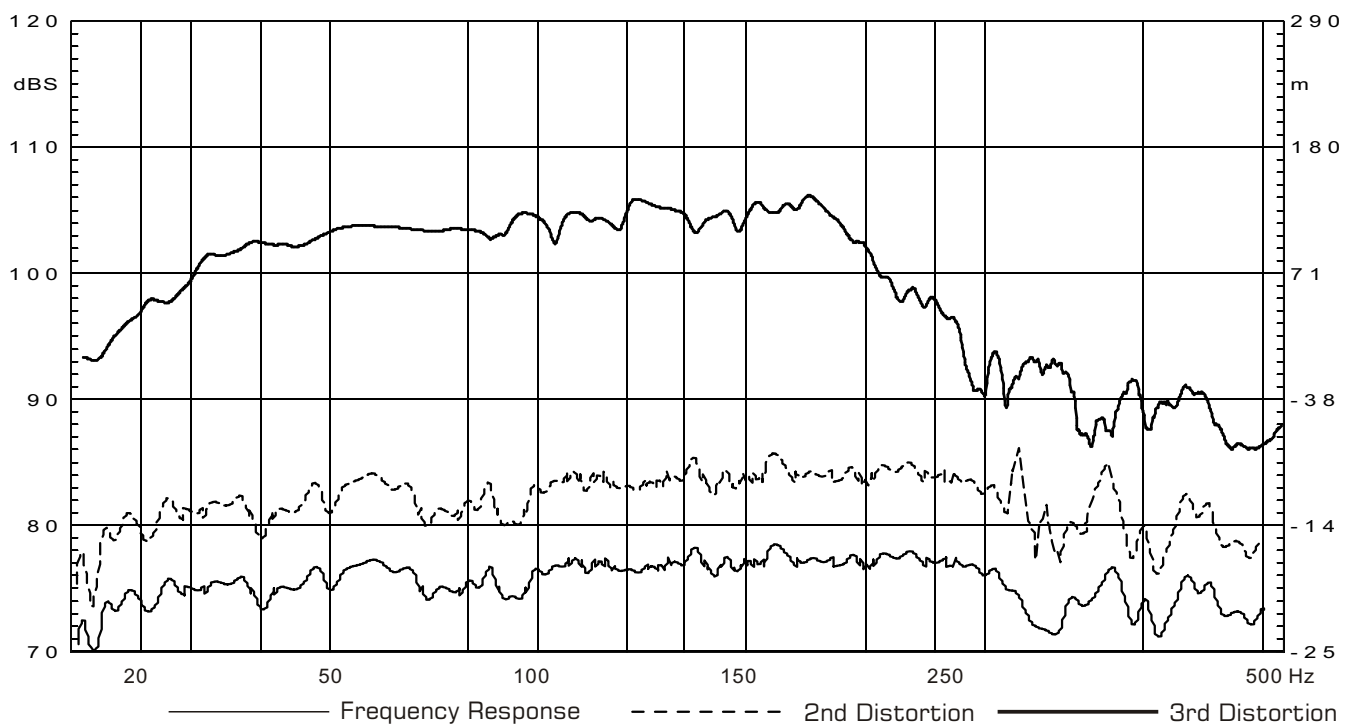
## IMPEDANCE RESPONSE



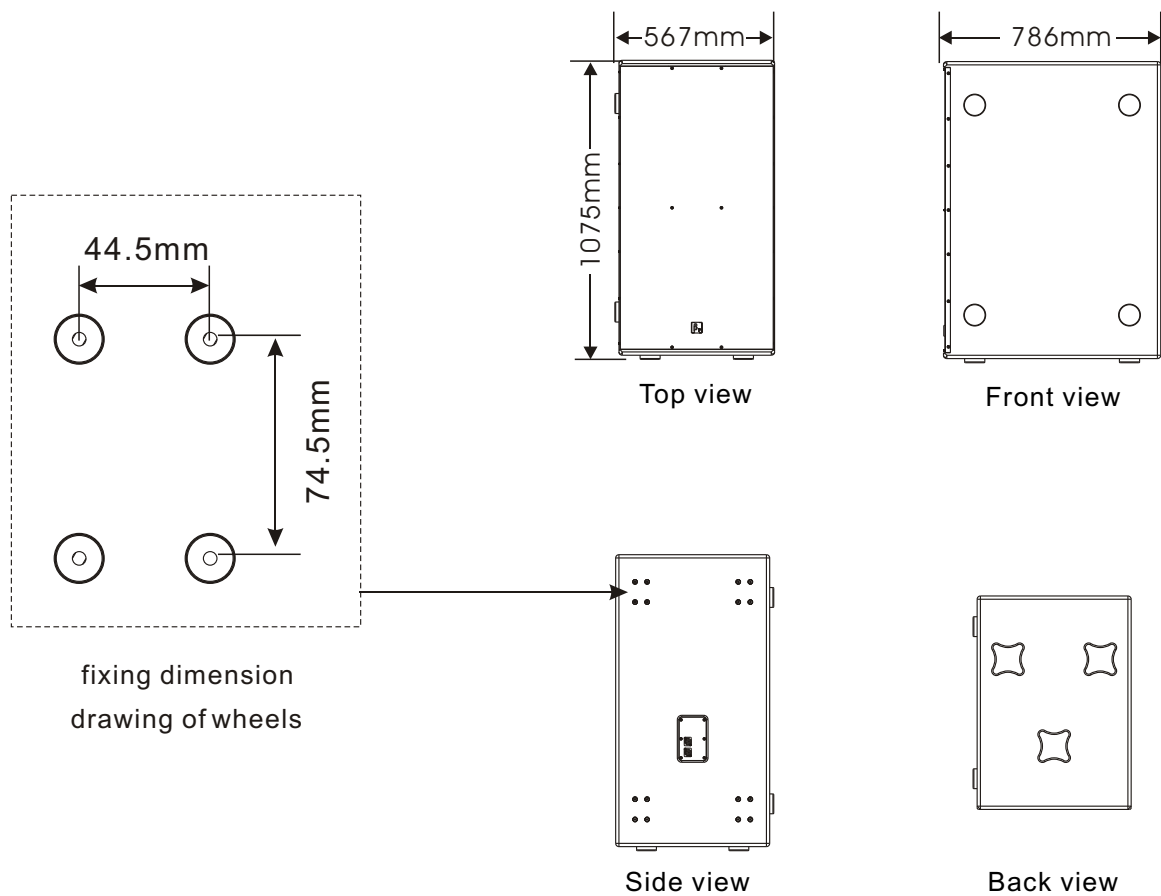
**WATERFALL**



**THD**



**DIMENSIONS**



## LIMITED WARRANTY

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.

Σ J218 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.

Σ J218 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.

Σ J218 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.**

