

AUDIOPHILE ACOUSTICS

RAGE 6.1 / 6.3

6.5" COMPONENT SPEAKER SET

SWEET LIKE DANISH

MODEL: RAGE61

PRODUCT ID: RAGICS22

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INTRODUCTION

The RAGE6.1 had already ushered in a new experience to those in need of speaker set without the fuzz and frills, but merely focused on the audio perception. The V2 exceeds this by using the unique B2 frame with SAFT** tech, ensuring a smoother airflow and less noise interference. The tweeter also received a serious upgrade. Adapting the one from the REF MANI, so no compromises were made. The RAGE6.1 has now moved the bar on what to expect from a set of this caliber. Should you decide to go 3 way, the RAGE6.1, easily transforms into a 3 way active/passive set-up. With dedicated crossovers and midranges, expanding your experience way beyond your expectations. Should you want to tweak it further, the RAGE6.3 can be combined with the revered REF midrange.

*It is essential that the Rage6.1 speaker system is given time to allow the suspension to soften up. Also referred to as "Burn in". Depending on use, this may take several weeks. While this process is undergoing, it is not recommended to apply full amplification according to the speakers specs. Once the "Burn in" has been done, the audio reproduction of the system will be enhanced.

**Smooth air flow tech.



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AUDIOPHILE ACOUSTICS

IS THE CORNERSTONE OF B2 AUDIO. IT'S THE PHILOSOPHY OF ADDING SOMETHING UNIQUE. KEEP IN MIND THAT CONTINUOUS EXPOSURE TO SPL ABOVE 100 DB CAN SERIOUSLY DAMAGE YOUR HEARING. TODAY'S HIGH POWER AUTO SOUND SYSTEMS CAN EASILY PRODUCE SPL OVER 140 DB. ENJOY YOUR MUSIC WITH SENSE.

TABLE OF CONTENTS

DESIGN FEATURES	3
THIELE SMALL DATA	3
FREQUENCY RESPONSE DIAGRAM	4-5
INSTALLATION	6

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DESIGN FEATURES

RAGE 6.1

Rage series Component Speaker System

Midwoofer: 6.5" Composite cone, ferrite motor structure
Optional (Midrange: 3.2" Coated paper cone, neodymium motor structure)
Tweeter: 1.6" Silk dome tweeter, neodymium motor structure
Frequency Response:

Thiele Small data:

Midwoofer

Fs:	60 Hz	Re:	3.6 Ω
Qms:	7.21	Z nom:	3.9 Ω
Qes:	0.9	Voice coil:	1.2"
Qts:	0.8	Rms:	
Vas:	7.78	Efficiency:	
Cms:	0.36	BL:	5.44 TM
Mms:	19.5	SPL:	88 $\pm$ 1dB
Power handling:	100 w		

Thiele Small data:

Midrange

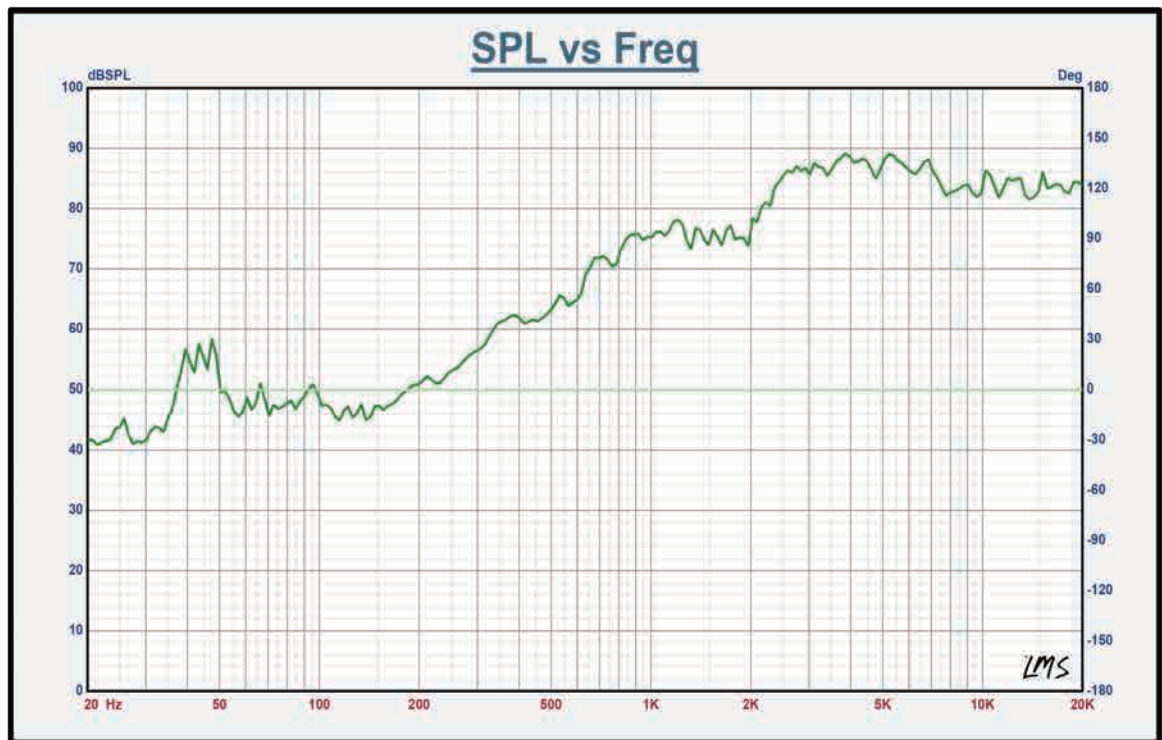
Fs:	208 Hz	Re:	5.34 Ω
Qms:	6	Voice coil:	1"
Qes:	1.28	Freq. response:	200 Hz ~ 10 KHz
Qts:	1.05		
SPL:	83.7 dB		
Power handling:	80 w (within crossover frequency range)		

Tweeter data:

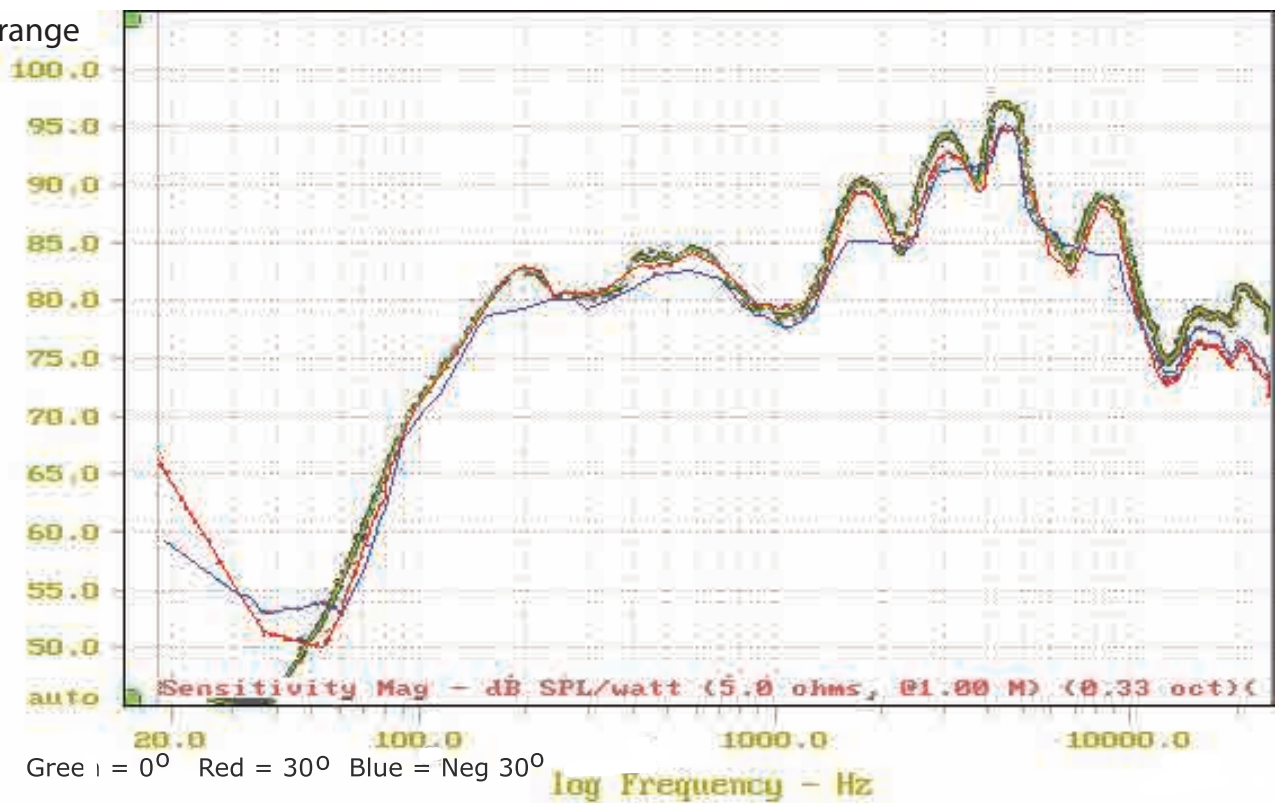
Fs:	1250 Hz	Re:	3.9 Ω
Qms:	0.76	Z nom:	4 Ω
Qes:	2.43	Voice coil:	1"
Qts:	0.58	BL:	6 TM
Vas:	0.001 L	SPL:	84 dB
Cms:	5.7 μ m/N	Freq. response:	1 KHz~25 KHz
Mms:	2.8 g		
Power handling:	30 w		

FREQUENCY DIAGRAM

Tweeter



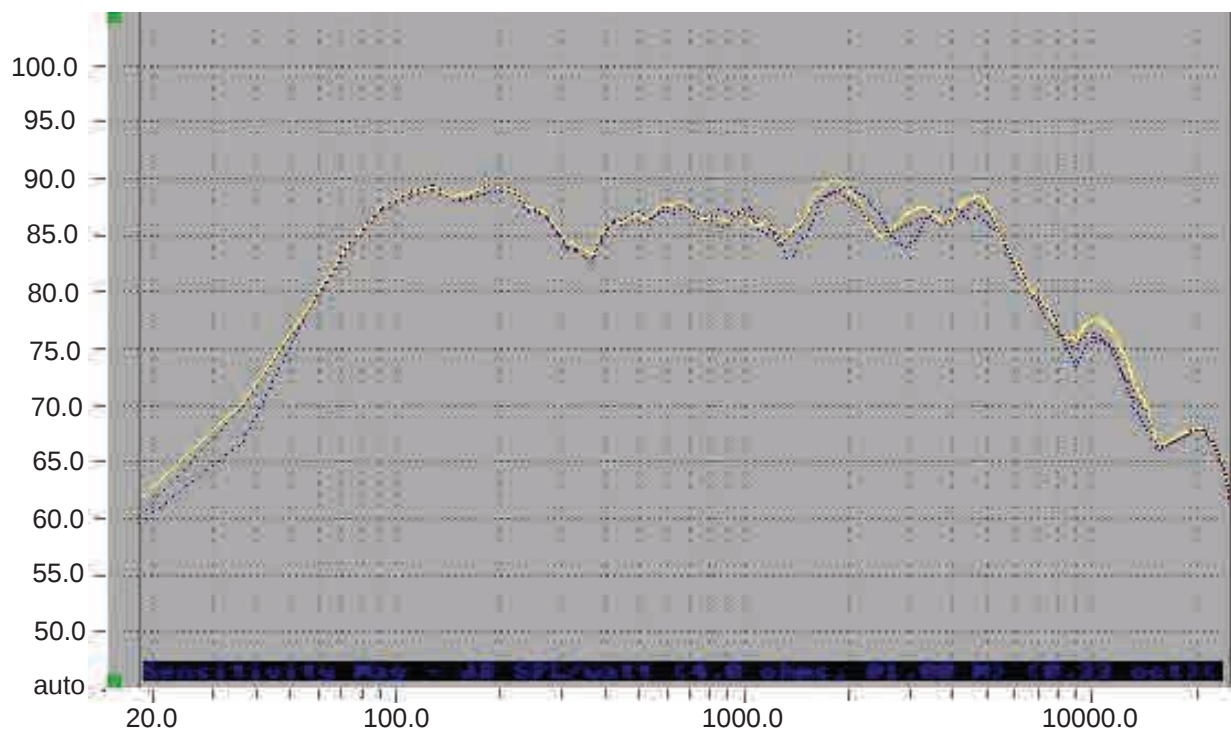
Midrange



FREQUENCY DIAGRAM

RAGE 6.1

Woofer

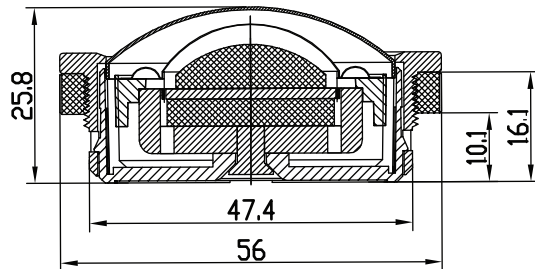


Blue = Neg 30° Red = 30° Yellow = 0°

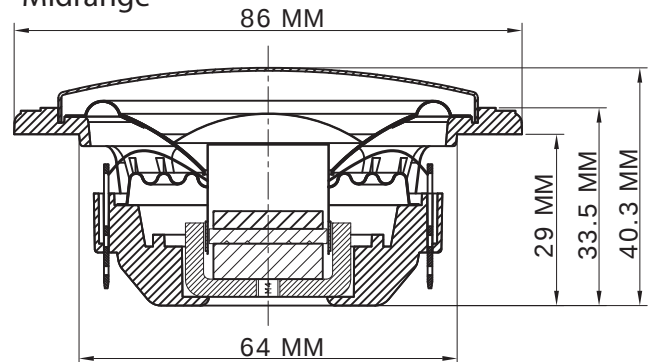
DIMENSIONAL DATA

RAGE6.1/6.3

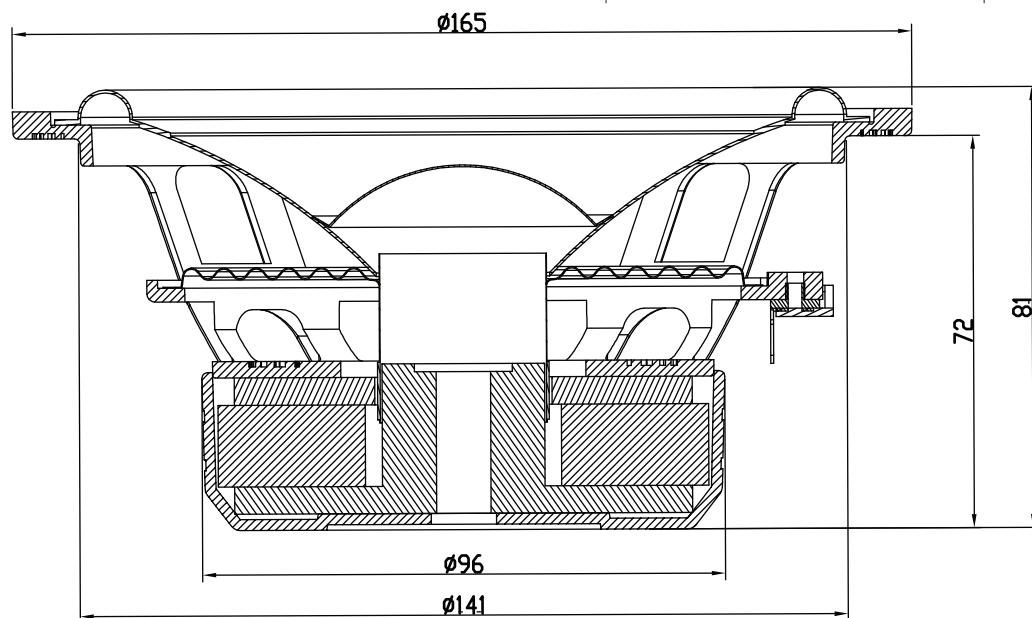
Tweeter



Midrange



Woofer



INSTALLATION

Prior to installation, ensure a proper location for the speaker system.

Due to the physical dimensions of the cabin, it is wise to test various points of placements if possible. If oem position is chosen, a good tip is to reinforce the mounting with a mdf ring and seal off leakage from that position. This will enhance mid bass response as well as optimizing overall performance. Do also try with slightly angling the midwoofer to "raise" the sound.

It is wise to keep both the midrange and tweeters in the same plane, this will make the sound appear more direct and it will cause less problems with an out of phase sensation.

The tweeters & midranges can preferably be mounted in a-pillars or placed close to the windscreen, mirroring of that and reflecting the sound towards the best audible position.

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LIMITED WARRANTY INFORMATION

B2 audio offers a limited warranty under the following terms:

The product is to be free of defects in material & workmanship under normal use for a period of 1 year from the date of the original purchase, when installed by an authorized dealer. Items not installed by authorized dealers will be warrantied for 30 days from the original purchase. Original sales receipts must be accompanied with all returns. The warranty applies to the original purchaser of the product & it being sold by authorized B2 audio dealers.

- The warranty does **not** cover:
1. Damage caused by accident, abuse, misuse, improper operation, water / solvents & shipping.
 2. Product modification, neglect, failure to follow installation instructions & misrepresentation by the seller.
 3. Products used for competition purposes or are of such a character
 4. Any product that has been opened.
 5. Products that has had the serial number defaced, altered or removed.
 6. The cost of shipping the product back for repair to an authorized repair centre & cost of return of non-defective items.

