



AUDIOPHILE ACOUSTICS

RAGE 6.1

6.5" COMPONENT SPEAKER SET

SWEET LIKE DANISH

MODEL: RAGE61

PRODUCT ID: RA61CS19

WWW.B2AUDIO.COM / WWW.FACEBOOK.COM/B2AUDIO



INTRODUCTION

The RAGE6.1 kit is a long awaited member of the revered RAGE series. Already consisting of RCA-cables, subwoofers & amplifiers, it was a natural progression to offer a component speaker set. Based on the platform from our top of the line component set, we set out to achieve its audiophile preferences. Design revisions & modifications made it possible to offer a premium loudspeaker without all the glitz, glamour & added expenses. Fear not, the focus is the still the same, A true Audiophile experience. The RAGE6.1 has just been refined to suit the preferences of the audience. For those in need of a 3 way system, the RAGE6.1 can be combined with the REF63AA's midrange speaker.

*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 power according to the speakers specs. Once the "Burn In" has been done, the audio reproduction of the system will be enhanced furthermore.



Stay updated on B2 audio, follow us on social media & our website. www.b2audio.com - www.facebook.com/b2audio - www.instagram.com/b2_audio www.youtube.com/b2audio - twitter: @b2_audio

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



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: 1.14" Silk dome tweeter, neodymium motor structure
Frequency Response: 60 Hz ~ 20 KHz

Thiele Small data: Midwoofer

Fs:	72.38 Hz	Re:	3.7 Ω
Qms:	7.21	Voice coil:	1.25"
Qes:	0.90	BL:	5.44 TM
Qts:	0.80	SPL:	87 \pm 1.5 dB
Vas:	7.78 L		
Cms:	305 μ m/N		
Mms:	15.85 g		
Power handling:	100 w		

Thiele Small data: Midrange

Fs:	208.90 Hz	Re:	5.34 Ω
Qms:	6.00	Voice coil:	1"
Qes:	1.28		
Qts:	1.05		
SPL:	83.7 dB		
Power handling:	80 w (within crossover frequency)		

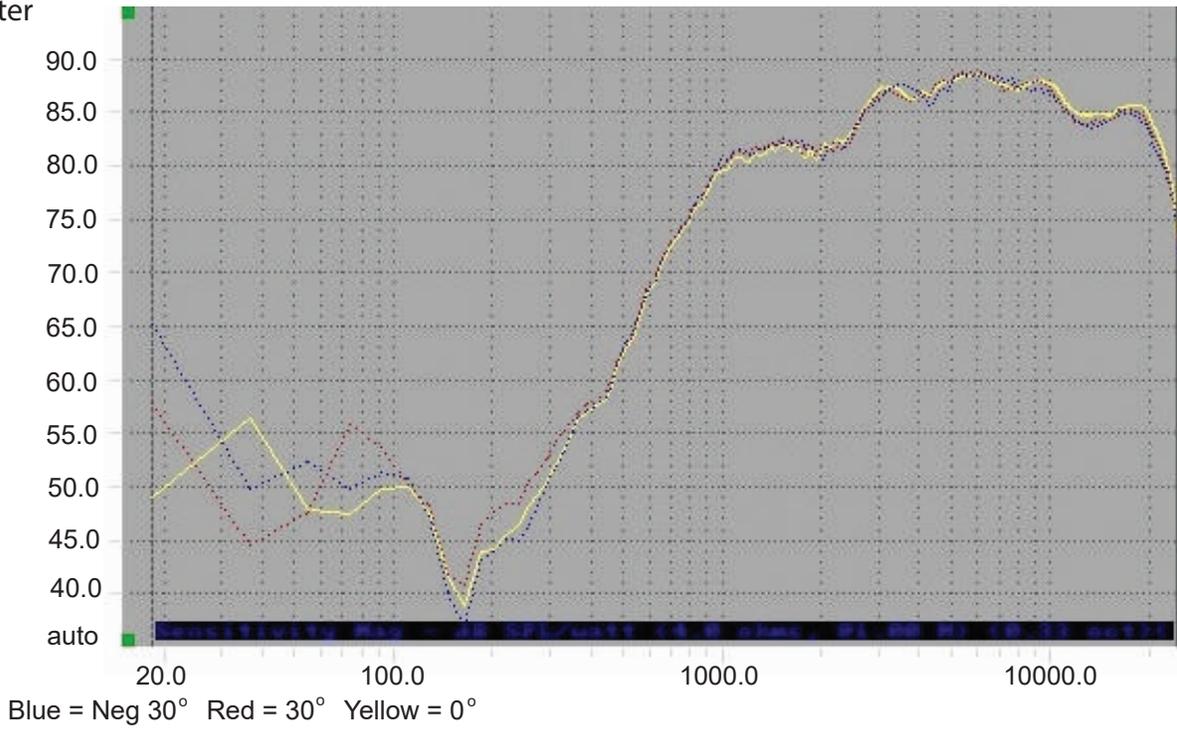
Tweeter data:

Fs:	1900 Hz
SPL:	89 dB

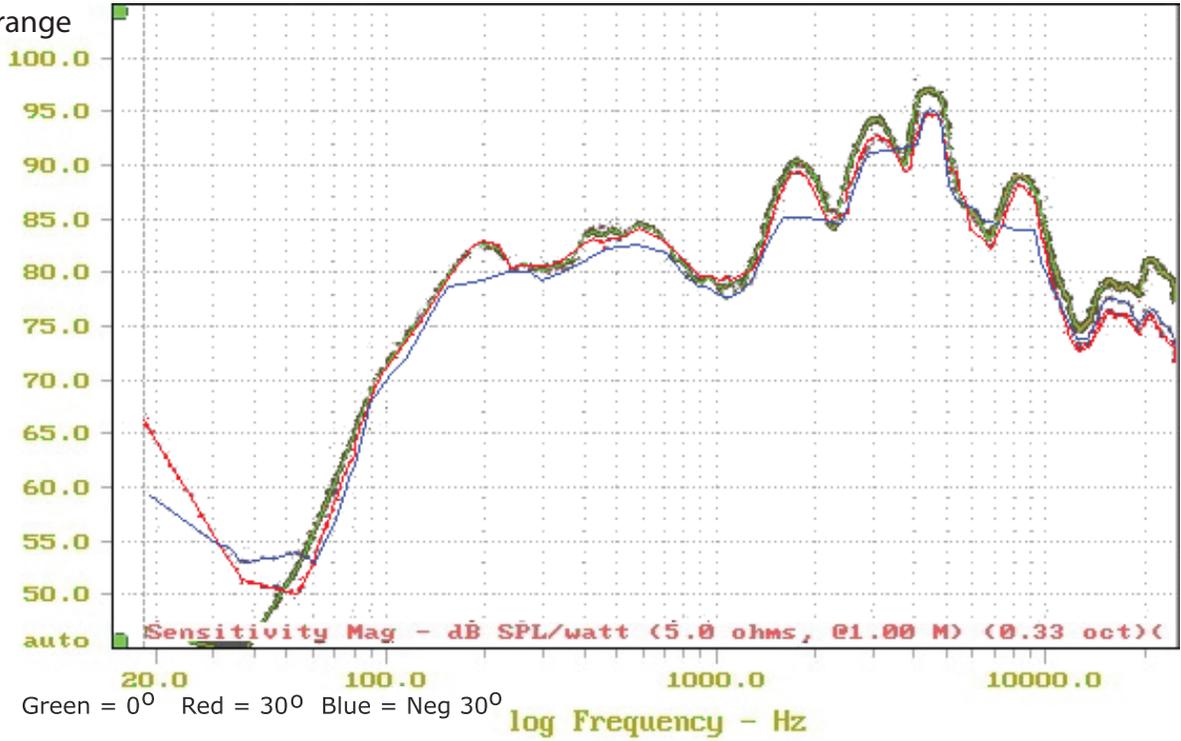
FREQUENCY DIAGRAM

RAGE6.1

Tweeter



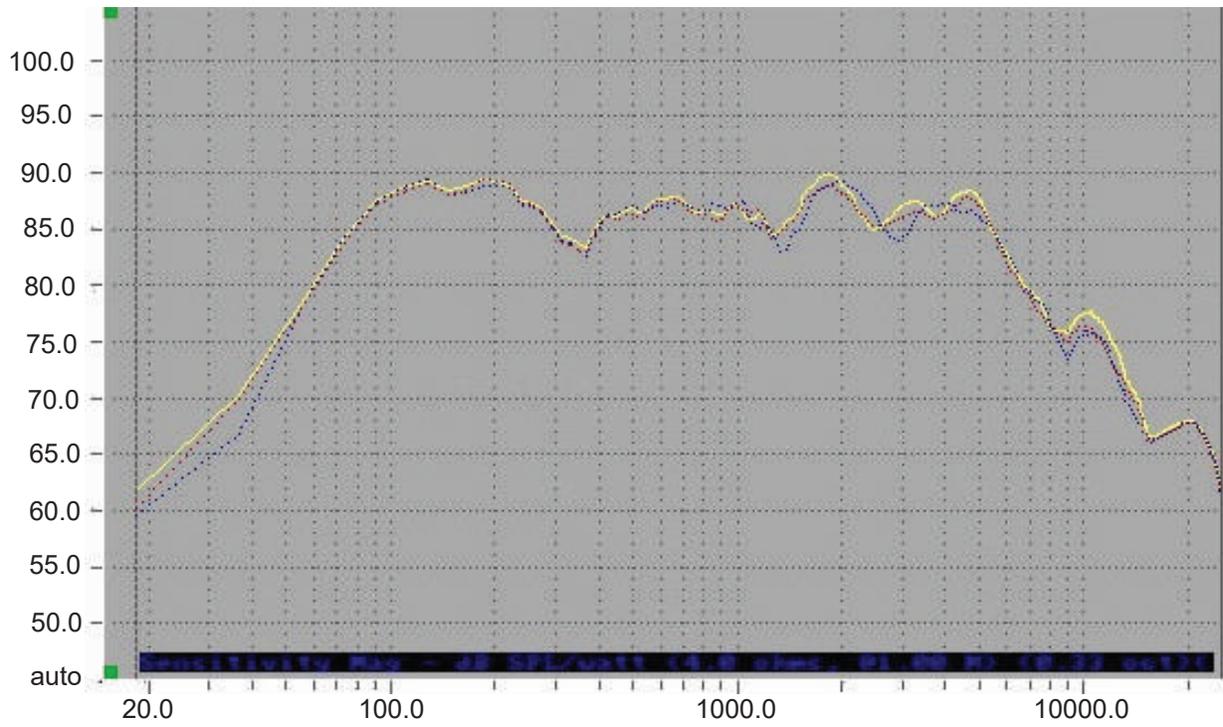
Midrange



FREQUENCY DIAGRAM

RAGE 6.1

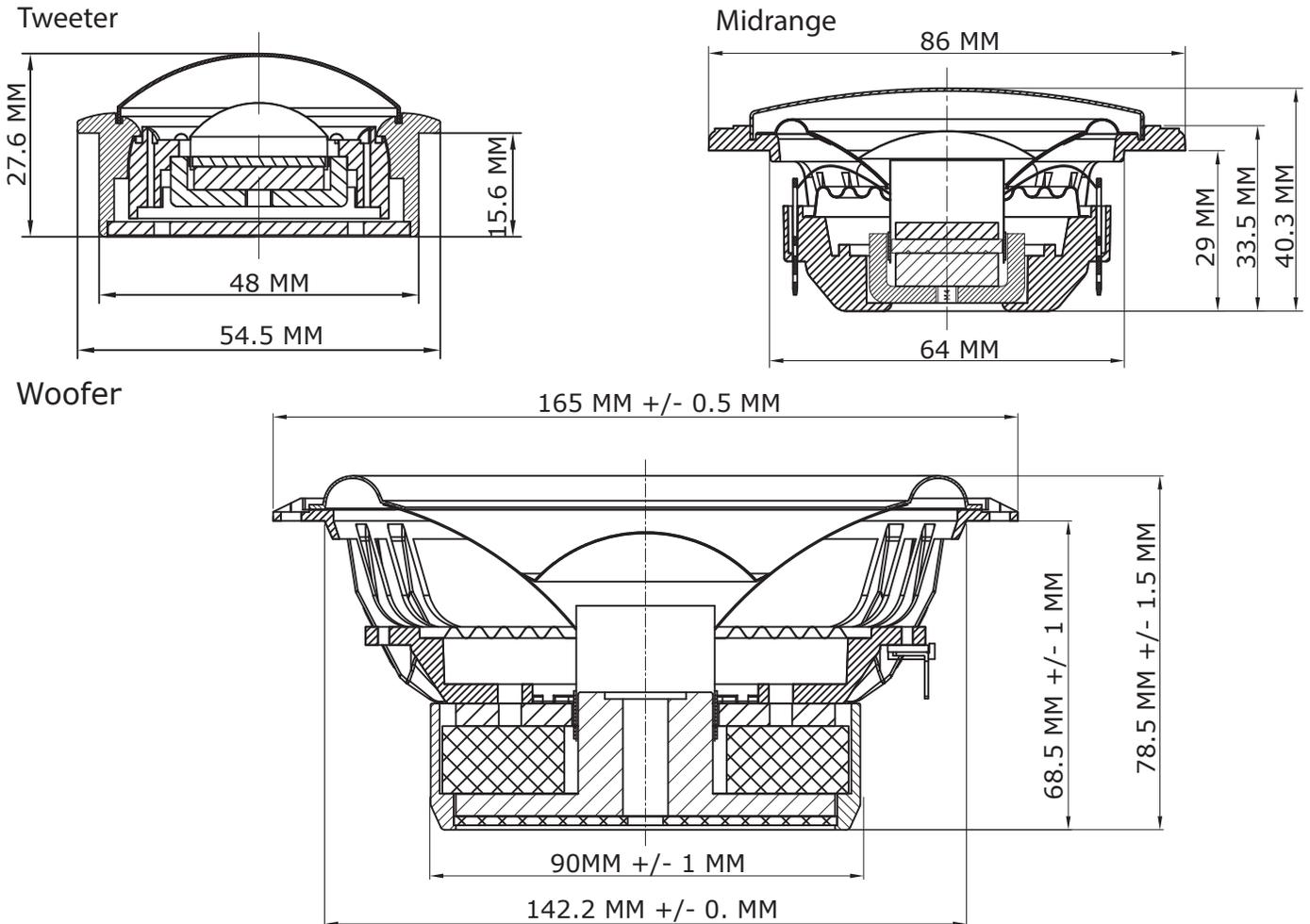
Woofer



Blue = Neg 30° Red = 30° Yellow = 0°

DIMENSIONAL DATA

RAGE6.3



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.

AUDIOPHILE ACOUSTICS

RAGE 6.1

6.5" COMPONENT SPEAKER SET

SWEET LIKE DANISH

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 warranted 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.

