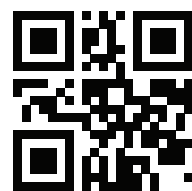


B² audio

MODEL: ELS.1

PRODUCT ID: ELS1S417



ELS.1

OWNER'S MANUAL

SWEET LIKE DANISH
SQL AUDIOPHILE COMPONENTS

CE

INTRODUCTION

Welcome to our realm, B2 audio are pleased that you chose our speakers amongst the vast selection available. Our idea is not to be similar, but to offer something unique and different, something that goes beyond description: Those features are what we strive for, as our products reflect who we are, therefore we only find it natural doing in depth R&D as well as real in field testing prior to any product is released.

The EL6.1 is the introductory series also known as Extraordinary Level. The idea is to offer an OEM alternative to your standard speakers, but why let you down and only be partly satisfied? Developed alongside the ISX6.1, the EL6.1 follows the same guidelines in terms of sound, but with a more distinctive tweeter, this is mainly due to the system will most likely be fitted in non optimal factory locations. The 12 dB /oct crossover features a 3 step tweeter attenuation if adjustment is needed. In addition the choice of paper as the cone material will enhance a more neutral & natural sound reproduction from the midwoofers.

With a frequency response that spans from 65 Hz ~ 22 KHz, the EL6.1 has the ability to match costlier systems and will without a doubt make a difference in your stock system. The high efficiency coupled with a relatively low fs for the midwoofer, along with the better thermal handling will make the EL6.1 perform great on headunits as well as external amplifiers.

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 EL6.1 will appear more natural & balanced.



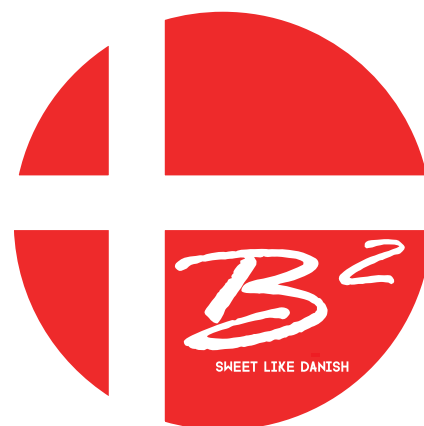
SWEET LIKE DANISH

Sweet like Danish is our philosophy of adding something extra. That unique sensation that can be described as "Sweet" once something is just right or goes beyond expectation. But do 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 and remember #ItCanNeverB2Loud.

For news & updates follow us on www.b2audio.com & social media; www.facebook.com/b2audio
Instagram: @B2_audio - Twitter: @B2_audio - www.youtube.com/b2audio

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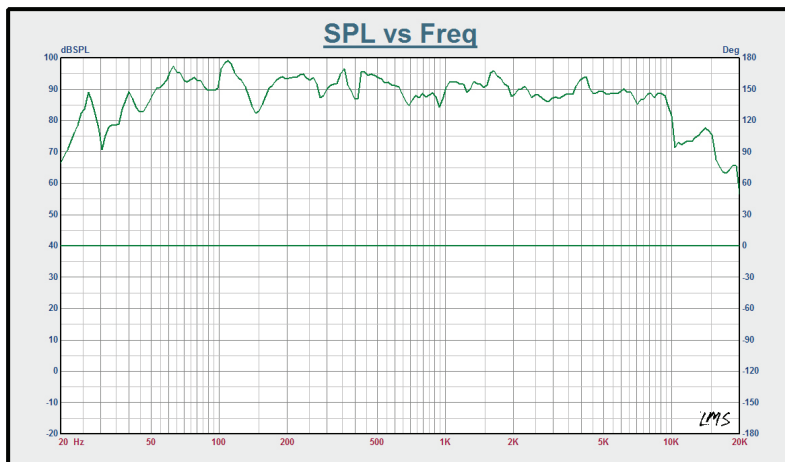


DESIGN FEATURES

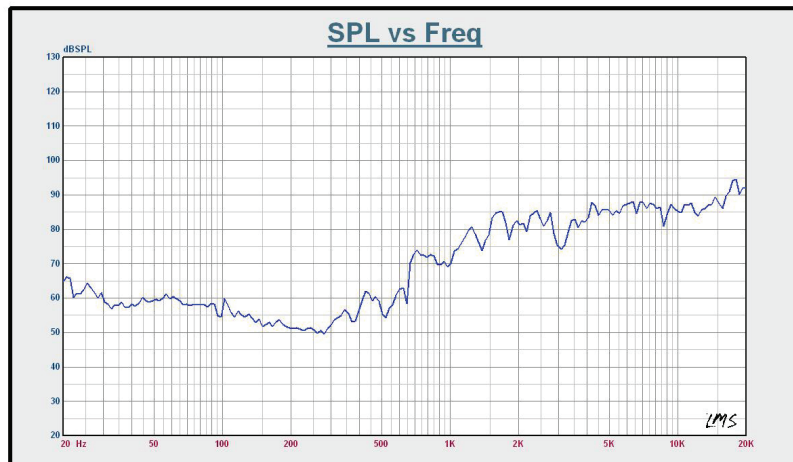
ELS.1

Component Speaker System

Frequency Response: 65 Hz ~ 22 KHz	Midwoofer	Tweeter	Passive Crossover
Sensitivity:	86.2 dB	89 dB	Crossover point: 3.5 KHz
Nom. Impedance:	4 Ohm	4 Ohm	Slope: 12 dB/oct
DC Resistance (RE):	3.6 Ohm	3.4 Ohm	Tweeter att: +2, 0, -2 dB
Resonance Frequency (FS):	66 Hz	1.6 KHz	
Power Handling:	150 Watts	25 Watts	
Power Handling Continious:	75 Watts	10 Watts	
QMS:	5.985		
QES:	0.834		
QTS:	0.732		
VAS:	11.89 L		
CMS:	424 um/N		
MMS:	13.41 g		
Voice Coil Diameter:	1"	1"	
BL:	4.93 TM		
Material:	Paper	Mylar	



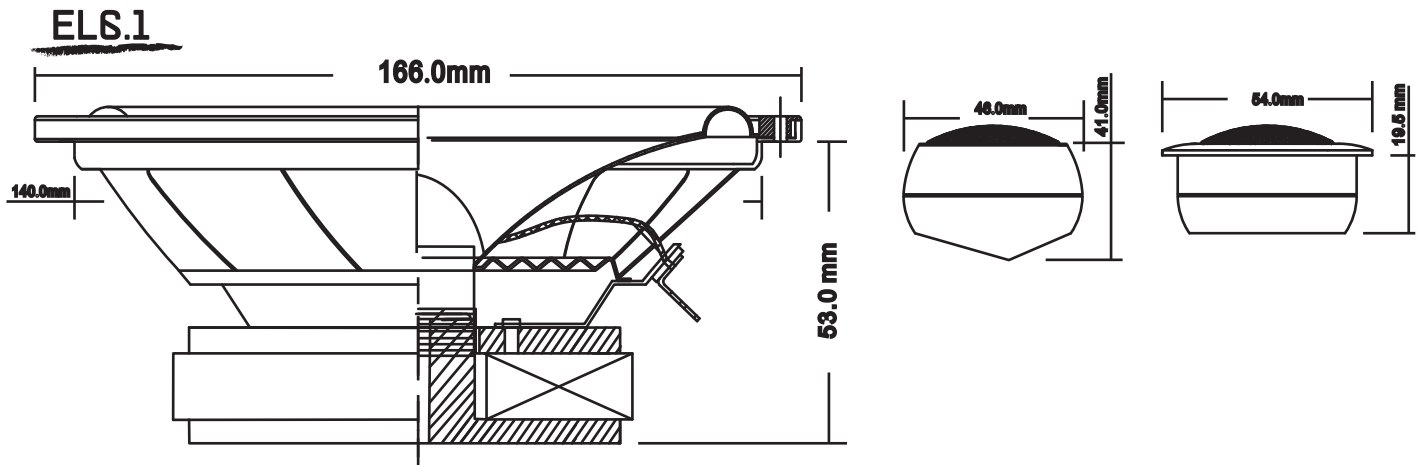
Midwoofer



Tweeter

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DIMENSIONAL DATA



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 & or 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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