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SB Acoustics Rinjani BE Loudspeaker Kit Review

Review Written by Edgar Kramer. Published: 01 May 2020

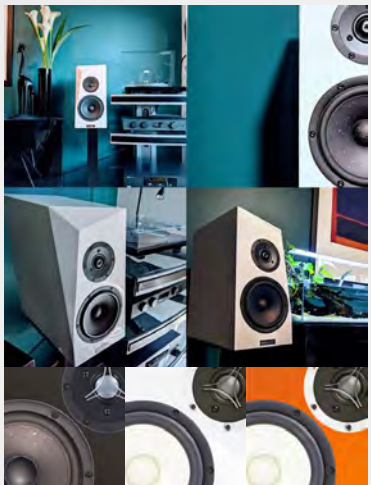
It's been my experience that audio sees very rare true bargains. Yes, there's gear that presents varying degrees of value-for-money for different reasons. It may be due to an unexpectedly high build and parts quality at the asking price. Sometimes, components may be widely perceived to perform beyond expectations. There may be reasons attached to a company's reputation or a given product's legacy which may automatically bestow added worth. But a genuine bargain from a product that offers most of the above, and considerably more in a number of important areas, is akin to the sighting of Bigfoot... or if in the Aussie bush, the spotting of the mythical Yowie. The SB Acoustics Rinjani BE debunks the myth – Yowies do exist after all.

What justifies such a waffle re the SB Acoustics Rinjani BE loudspeakers? Well, let's start by saying this review heralds a first for SoundStage! Australia... and it's also a new experience for this writer. The Rinjani BE are the first ever speakers which I've had to assemble myself! Yes, this is a DIY kit.

<https://www.soundstageaustralia.com/index.php/reviews/395-sb-acoustics-rinjani-be-loudspeaker-kit>



Read the Full Review
Sound Stage Australia



SB Acoustics Ara Loudspeaker Kit

Bundled kit stereo pairs. All parts required.

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The Ara is a compact 2-way speaker kit based on the premium Satori Neodymium Mid-Woofers and your choice of either the Ring-Dome Tweeter or the new Beryllium Dome Tweeter. These kits are bundled together with all kit components ready to be assembled.

- Cabinets are assembled and painted, finished. Sold in pairs (order one to receive a pair)
- Kit includes pre-wired crossovers and the advanced high-end drivers from SBA Satori
- Beautiful cabinetwork with facet details on top for reduced high frequency diffraction
- Inclined baffle for correct time alignment of drivers and for a distinct European style
- High sensitivity of 87dB (2.83V/1m). Recommended Amp power is 4Ω 40-150W
- Internal bracing to reduce and distribute cabinet vibrations and lower sound coloration
- Rear port for cabinet driver tuning to 36Hz + Solid single-wiring binding posts
- Includes 4x cloth speaker grill cups that magnetically attach to each driver
- Very simple, rapid kit assembly even for the novice

Oliver Masciarotte shares his experiences with the surprising SB Acoustics Rinjani and Ara speaker kits, which feature high-end Satori drivers. Masciarotte compares the floorstand Rinjani speakers' performance with the smaller Ara two-way bookshelf version. Both versions share the same design concept and high quality finish, typical of high-end speakers costing multiple times the price.

<https://www.wes.com.au/Attachments/Audio-Speakers-PA/sbacoustics/Ara-Review.pdf>

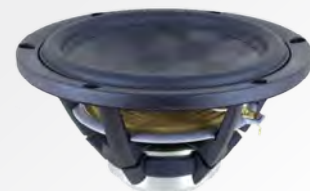


SB Acoustics TeXtreme Loudspeaker Kits

Open Source information for the advanced speaker builder

Open source kit information is now available for the new TeXtreme Satori drivers. This information is for experienced speaker kit builders as there is no pre-built crossover available, you must build the crossover yourself (components are available). Most designs share existing Satori kit cabinets, or datasheets are supplied to build them yourself. The kits are fully developed by the professional engineers at Danesian Audio of Denmark beyond concept to full completion winning level (as achieved by 3rd part constructors).

All information required is available open source.



SASANDU SATORI SPEAKER KITS PARTS LIST

SOLD COMPLETE OR IN SEPARATED PARTS - SEE OPTIONS BELOW

Sasandu means "sounded instrument" and is a traditional Indonesian harp like string instrument with a body made from bamboo and native type of leaves. The Sasandu from Satori is a no compromise speaker kit designed to reproduce music as faithfully as possible. Sasandu is a 1100mm tall 3-way, four driver, floor standing speaker. Showcasing the advanced Satori Neodymium Beryllium tweeter. The midrange is covered by the 6½" Satori Egyptian Papyrus cone midrange with a dedicated large sealed rear chamber for low compression and wonderful open midrange reproduction. Each speaker is solidly anchored in the lower octaves by two 7½" Satori drivers for a deep, tight, and satisfyingly musical bass. Sasandu has a faceted baffle and optimised tweeter position to lower diffraction as well as inclined cabinet to time align the drivers that results in state of the art imaging. The large high quality crossover has it's own chamber behind the removable plinth. The Sasandu cabinet is masterfully crafted from 28, 18, and 15 mm MDF with strategic internal bracing to minimise cabinet vibrations and lower sound coloration. A slanted internal partition reduces internal standing waves and the over size 75 mm port at the rear ensures uncompressed bass even at very high listening levels. The Sasandu is a state-of-the-art audiophile speaker that could easily rival the sound quality of finished speakers twice its price.

- Handsom 3-way floor standing speaker stands 1100mm tall
- Advanced High-End top of the range Satori neodymium drivers
- Elegantly inclined cabinet for time alignment and modern style
- Faceted baffle and optimized tweeter position for reduced diffraction
- Slanted back and internal partition for reduction of standing waves
- Stylish removable plinth for secure footing, spikes are optional
- Strategic internal bracing and dampening, wadding is supplied
- Cabinets as supplied are completely finished, premium painted
- Kit is required to insert crossover and drivers, etc. (see manual)

NEW



SASANDU SATORI BUNDLED SPEAKER KITS

SB Acoustics Satori Sasandu, four driver Kit Pair with all parts: 2x MW19P-8, MR16P-4 & TW29BN-B-8. All parts required sold as a kit for two speakers. See manual for construction details.

Colour	Code
White Satin	SASANDU-1000
Black Satin	SASANDU-2000
White Gloss	SASANDU-3000
Black Gloss	SASANDU-4000



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Frequency range: 32-32000 Hz +/- 3 dB
 Sensitivity (2.83V/1m): 89 dB
 Nominal Impedance: 4 Ω
 Max SPL: 108 dB
 Recommended amplifier: 100-200 W
 Cross-over frequency: 480Hz and 2.8KHz
 Enclosure type: Bass reflex (woofers), sealed (midrange)
 Port tuning frequency: 32 Hz
 Driver units: SATORI TW29BN-B-8, 6½" SATORI MR16P-4, 2x 7½" SATORI MW19P-8
 Cabinet material: 28, 18, 15 mm MDF
 Speaker Dimension: 1100 x 230 x 615 mm
 Net weight: 32.5 kg

Please expect a lead-time of approximately 12 weeks from order placement.

KIT IN PARTS - ALL PIECES SOLD SEPARATE

ORDER 1 [PAIR] OF SPEAKER CABINETS - SASANDU

Pair of cabinets with speaker grilles and speaker terminals. Requires crossovers and speaker drivers.

Colour	Sold As	Code
White Satin	Pairs	SASANDU-WHSAT
Black Satin	Pairs	SASANDU-BKSAT
High Gloss White	Pairs	SASANDU-WHGL
High Gloss Black	Pairs	SASANDU-BKHGL

ORDER 1 [PAIR] OF CROSSOVERS - SASANDU

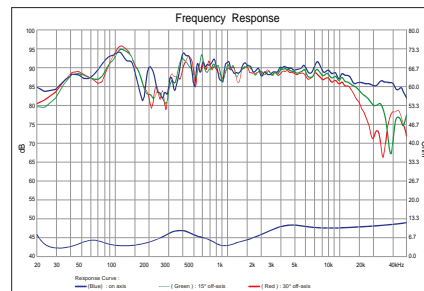
Fully assembled with cabling. Premium components.

Suits	Sold As	Code
Sasandu 3-Way	Pairs	SASANDU-XO

ORDER 8 SATORI DRIVERS - SASANDU

Kit requires four mid-woofers, two mid-range and two tweeters, 4x MW19P-8, 2x MR16P-4 and 2x TW29BN-B-8.

Description	Sold As	Code
7.5" Satori mid-woofer Black	Single	MW19P-8
6.5" Satori midrange	Single	MR16P-4
Satori Tweeter Beryllium Neo Black	Single	TW29BN-B-8



SATORI SPEAKER KITS - RINJANI

The Rinjani is a floor standing 2½-way speaker kit based on the premium Satori Neodymium Mid-Woofer and your choice of either Ring-Dome Tweeter or the Beryllium Dome Tweeter. This project was designed by the Danish SB Acoustics engineering team to showcase Satori drivers that are capable of some of the best sounding speaker systems available today.

- Configurable kits with two tweeter options and matching crossover to suit tweeter.
- Ring Tweeter: Using the renowned Satori Ring Tweeter for premium high-end sound or
- Beryllium Tweeter: For those wanting the ultimate for open and spatial high end extension.
- Neodymium woofer uses proprietary cone material made from Egyptian Papyrus pulp.
- Configurable Woofer colour options; in Black or White cone (Total of four supplied in kit).
- Cabinets are assembled and painted finished and sold in pairs (order one to receive a pair)
- Modern European design facets on top of cabinet for reduced high frequency diffraction
- Inclined baffle for correct time alignment of drivers (allowing for simpler cross-over design)
- Wedge shaped inner rear walls behind midwoofers reduce direct reflection internally
- Internal bracing to reduce and distribute cabinet vibrations and lower sound colouration
- Recommended Amp 4Ω 50-200W for a maximum output up to 107dB
- Dual ports tuned to 35Hz for distribution of unwanted pipe resonances
- Inclined inner bottom for reduction of cabinet standing waves
- Solid single-wiring binding posts (included with the cabinets)
- 1010x190x464mm 18.5Kg pair (22.5Kg leaden) 18mm MDF
- 4Ω 42Hz-25000Hz(±3dB) Sensitivity 89dB(2.83V/1m)

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RINJANI BUNDLED SPEAKER KITS

SBA Rinjani bundled kits include all kit components ready to start assembling. Your choice comprises of various colour cabinets and colour drivers combinations, as well as two tweeter with their associated crossover configurations.

RINJANI - SATIN WHITE FULL KIT PAIR

Description	Code
Ring Dome Black Tweeter with Black Woofer	RINJANI1000
Ring Dome Silver Tweeter with Black Woofer	RINJANI1001
Ring Dome Silver Tweeter with White Woofer	RINJANI1002
Beryllium Black Tweeter with Black Woofer	RINJANI1100
Beryllium Silver Tweeter with Black Woofer	RINJANI1101
Beryllium Silver Tweeter with White Woofer	RINJANI1102

RINJANI - SATIN BLACK FULL KIT PAIR

Description	Code
Ring Dome Black Tweeter with Black Woofer	RINJANI2000
Ring Dome Silver Tweeter with Black Woofer	RINJANI2001
Ring Dome Silver Tweeter with White Woofer	RINJANI2002
Beryllium Black Tweeter with Black Woofer	RINJANI2100
Beryllium Silver Tweeter with Black Woofer	RINJANI2101
Beryllium Silver Tweeter with White Woofer	RINJANI2102

RINJANI - GLOSS WHITE FULL KIT PAIR

Description	Code
Ring Dome Black Tweeter with Black Woofer	RINJANI3000
Ring Dome Silver Tweeter with Black Woofer	RINJANI3001
Ring Dome Silver Tweeter with White Woofer	RINJANI3002
Beryllium Black Tweeter with Black Woofer	RINJANI3100
Beryllium Silver Tweeter with Black Woofer	RINJANI3101
Beryllium Silver Tweeter with White Woofer	RINJANI3102

RINJANI - GLOSS BLACK FULL KIT PAIR

Description	Code
Ring Dome Black Tweeter with Black Woofer	RINJANI4000
Ring Dome Silver Tweeter with Black Woofer	RINJANI4001
Ring Dome Silver Tweeter with White Woofer	RINJANI4002
Beryllium Black Tweeter with Black Woofer	RINJANI4100
Beryllium Silver Tweeter with Black Woofer	RINJANI4101
Beryllium Silver Tweeter with White Woofer	RINJANI4102

RINJANI - GLOSS ORANGE FULL KIT PAIR

Description	Code
Ring Dome Black Tweeter with Black Woofer	RINJANI5000
Ring Dome Silver Tweeter with Black Woofer	RINJANI5001
Ring Dome Silver Tweeter with White Woofer	RINJANI5002
Beryllium Black Tweeter with Black Woofer	RINJANI5100
Beryllium Silver Tweeter with Black Woofer	RINJANI5101
Beryllium Silver Tweeter with White Woofer	RINJANI5102

RINJANI SPEAKER KIT PARTS LIST

Break down of the RINJANI Speaker Kits. Each component of the Rinjani speaker kit can be purchased individually. Review each description for further details.

RINJANI CABINETS

Supplied in pairs. Completely finished cabinets. Includes speaker grilles. speaker terminals, ports, wadding, etc. all pre-installed. Requires crossovers (come with wiring) and speaker drivers.

Colour	Sold As	Code
White Satin	Pairs	RINJANI-WHSAT
Black Satin	Pairs	RINJANI-BKSAT
White High Gloss	Pairs	RINJANI-WHGL
Black High Gloss	Pairs	RINJANI-BKHGL
Orange High Gloss	Pairs	RINJANI-ORHGL

RINJANI CROSSOVERS

Select crossover based on either Ring or Beryllium Tweeter. The fully assembled crossovers are pre-wired and terminated with slide on quick connects for the drivers. Uniquely optimised to match the SBA Satori drivers with the Rinjani cabinet.

Suits	Sold As	Code
Ring Tweeter	Pairs	RINJANI-XORIN
Beryllium Tweeter	Pairs	RINJANI-XOBE

RINJANI TWEETERS & WOOFERS

SB Acoustics premium range of Satori drivers. The advanced 6.5" driver uses a proprietary cone material made from Egyptian Papyrus, available in two cone colours. Two tweeter options are available from SBA Satori series: Ring Tweeter: Using the renowned Satori Ring Tweeter for premium high-end sound or Beryllium Tweeter: For those wanting the ultimate, the Satori Neodymium magnet Beryllium Dome Tweeters for open and spatial high end extension. Both these tweeters are available with a silver or black outer aluminium facia. Ensure that matching crossover is used for the selected tweeter model.

Description	Sold As	Code
Satori Tweeter Beryllium Neo Silver	Single	TW29BN
Satori Tweeter Beryllium Neo Black	Single	TW29BN-B
Satori Tweeter Ring Dome Silver	Single	TW29R
Satori Tweeter Ring Dome Black	Single	TW29R-B
6.5" Satori mid-woofer White 8Ω	Single	MW16PNW-8
6.5" Satori mid-woofer Black 8Ω	Single	MW16P-8

SATORI SPEAKER KITS - ARA

The Ara is a compact 2-way speaker kit based on the premium Satori Neodymium Mid-Woofer and your choice of either Ring-Dome Tweeter or Beryllium Dome Tweeter. This project was developed by the Danish SB Acoustics engineering team to demonstrate Satori speakers are capable of some of the best sounding audio available today.

- Configurable kits with two tweeter options and matching crossover to suit tweeter.
- Ring Tweeter: Using the renowned Satori Ring Tweeter for premium high-end sound or
- Beryllium Tweeter: For those wanting the ultimate with the Satori Neodymium magnet Beryllium Dome Tweeters for open and spatial high end extension.
- Advanced woofer uses proprietary cone material made from Egyptian Papyrus pulp.
- Configurable Woofer colour options. Available in Black or White cone.
- Cabinets are assembled and painted, finished. Sold in pairs (order one to receive a pair)
- Kit includes pre-wired crossovers and the advanced high-end drivers from SBA Satori
- Beautiful cabinetry with facet details on top for reduced high frequency diffraction
- Inclined baffle for correct time alignment of drivers and European style design
- Wedge shaped inner rear walls behind midwoofer for reduced direct reflection
- Internal bracing to reduce and distribute cabinet vibrations and lower sound coloration
- Rear port for cabinet driver tuning to 36Hz + Solid single-wiring binding posts
- Includes 4x cloth speaker grill cups that magnetically attach to each driver
- Very simple, rapid kit assembly even for the novice



ARA1000

ARA SATORI SPEAKER KITS BUNDLED

SBA Satori Ara bundled kits include all kit components ready to start assembling. Your choice comprises of various colour cabinets and colour drivers combinations, as well as two tweeters with their associated crossover configurations.

ARA - SATIN WHITE FULL KIT PAIR

Description	Code
Ring Dome Black Tweeter with Black Woofer	ARA1000
Ring Dome Silver Tweeter with Black Woofer	ARA1001
Ring Dome Silver Tweeter with White Woofer	ARA1002
Advanced Black Tweeter with Black Woofer	ARA1100
Advanced Silver Tweeter with Black Woofer	ARA1101
Advanced Silver Tweeter with White Woofer	ARA1102

ARA - SATIN BLACK FULL KIT PAIR

Description	Code
Ring Dome Black Tweeter with Black Woofer	ARA2000
Ring Dome Silver Tweeter with Black Woofer	ARA2001
Ring Dome Silver Tweeter with White Woofer	ARA2002
Beryllium Black Tweeter with Black Woofer	ARA2100
Beryllium Silver Tweeter with Black Woofer	ARA2101
Beryllium Silver Tweeter with White Woofer	ARA2102

ARA - GLOSS WHITE FULL KIT PAIR

Description	Code
Ring Dome Black Tweeter with Black Woofer	ARA3000
Ring Dome Silver Tweeter with Black Woofer	ARA3001
Ring Dome Silver Tweeter with White Woofer	ARA3002
Beryllium Black Tweeter with Black Woofer	ARA3100
Beryllium Silver Tweeter with Black Woofer	ARA3101
Beryllium Silver Tweeter with White Woofer	ARA3102

ARA - GLOSS BLACK FULL KIT PAIR

Description	Code
Ring Dome Black Tweeter with Black Woofer	ARA4000
Ring Dome Silver Tweeter with Black Woofer	ARA4001
Ring Dome Silver Tweeter with White Woofer	ARA4002
Beryllium Black Tweeter with Black Woofer	ARA4100
Beryllium Silver Tweeter with Black Woofer	ARA4101
Beryllium Silver Tweeter with White Woofer	ARA4102

ARA - GLOSS ORANGE FULL KIT PAIR

Description	Code
Ring Dome Black Tweeter with Black Woofer	ARA5000
Ring Dome Silver Tweeter with Black Woofer	ARA5001
Ring Dome Silver Tweeter with White Woofer	ARA5002
Beryllium Black Tweeter with Black Woofer	ARA5100
Beryllium Silver Tweeter with Black Woofer	ARA5101
Beryllium Silver Tweeter with White Woofer	ARA5102

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ARA SATORI SPEAKER KIT PARTS LISTS

Break down of the Ara Speaker Kits. Each component of the Ara speaker kit can be purchased individually. Review each description for further details.

ARA SPEAKER CABINETS

Supplied in pairs. Completely finished cabinets. Includes speaker grilles, speaker terminals, ports, wadding, etc. all pre-installed. Requires crossovers (come with wiring) and speaker drivers.

Colour	Sold As	Code
White Satin	Pairs	ARA-WHSAT
Black Satin	Pairs	ARA-BKSAT
White High Gloss	Pairs	ARA-WHGL
Black High Gloss	Pairs	ARA-BKHGL
Orange High Gloss	Pairs	ARA-ORHGL

ARA CROSSOVERS

Select crossover based on either Ring or Beryllium Tweeter. The fully assembled crossovers are pre-wired and terminated with slide on quick connects for the drivers. Uniquely optimised to match the SBA Satori drivers with the Ara cabinet.

Suits	Sold As	Code
Ring Tweeter	Pairs	ARA-XORIN
Beryllium Tweeter	Pairs	ARA-XOBE

ARA TWEETERS & WOOFERS

SB Acoustics premium range of Satori drivers. The advanced 6.5" driver uses a proprietary cone material made from Egyptian Papyrus, available in two cone colours. Two tweeter options are available from SBA Satori series: Ring Tweeter: Using the renowned Satori Ring Tweeter for premium high-end sound or Beryllium Tweeter: For those wanting the ultimate, the Satori Neodymium magnet Beryllium Dome Tweeters for open and spatial high end extension. Both these tweeters are available with a silver or black outer aluminium facia. Ensure that matching crossover is used for the selected tweeter model.

Description	Sold As	Code
Satori Tweeter Beryllium Neo Silver	Single	TW29BN
Satori Tweeter Beryllium Neo Black	Single	TW29BN-B
Satori Tweeter Ring Dome Silver	Single	TW29R
Satori Tweeter Ring Dome Black	Single	TW29R-B
6.5" Satori mid-woofer White 4Ω	Single	MW16PNW-4
6.5" Satori mid-woofer Black 4Ω	Single	MW16P-4

□ Speaker Kits - SB Acoustics

SBA SPEAKER KITS - ARYA

The Arya is a genuine SB-Acoustics developed kit floor standing 2½-way tower speaker. Arya means 'not ordinary' or 'clever/smart person' and we believe Arya is the clever choice if you want a very attractive 'traditional' floor standing speaker with high performance. The drivers for Arya are the SB17 MFC (mineral filled polypropylene cone) mid-woofers that give a tight/firm bass and a crisp midrange performance. With 2 x 6½" midwoofers you get ample quality bass in a room up to about 50m². The tweeter is the popular, renowned and patented SB29RDAC 29mm ring dome which results in very low distortion with a very 'silent/black' background. Cabinets are fully assembled and available in a high gloss finish or a matte satin finish in black or white or an attractive genuine Rosewood veneer. Sold in pairs. Buy one to receive two cabinets. Requires crossovers and drivers to complete everything you need to assemble a beautiful sounding piece of furniture to give you years of fatigue-free listening premium audio pleasure.

- Optimised design using high quality ring dome tweeters and midwoofers from SB Acoustics.
- Diffraction optimized cabinet proportions 1076x195x310mm 18Kg available in six finishes
- Premium quality 18mm cabinets with internal bracing to reduce & distribute cabinet vibrations
- Dual vents and slanted internal bottom plate for reduction of standing wave resonances
- Cabinets include the cloth speaker grilles and rear gold-plated speaker terminals
- Bass-reflex dual mid-woofers tuned to 41Hz for an impressive and tight low end extension
- Tweeter crossed over at ~3KHz and extends up to 28KHz with smooth response
- Efficiency of 87.5dB(2.83V/1m) up to 107dB max and will comfortably fill a room up to 50m²
- Nominally 4 Ohm input, recommended 50W to 200Wrms amplifier

ARYA BUNDLED SPEAKER KITS

The Arya is a genuine SB-Acoustics developed kit floor standing 2½-way tower speaker. Arya means 'not ordinary' or 'clever/smart person' and we believe Arya is the clever choice if you want a very attractive 'traditional' floor standing speaker with high performance.

Description	Code
White Satin - Ring Dome Tweeter, PP Woofer and Crossover	ARYA1000
Black Satin - Ring Dome Tweeter, PP Woofer and Crossover	ARYA2000
White High Gloss - Ring Dome Tweeter, PP Woofer and Crossover	ARYA3000
Black High Gloss - Ring Dome Tweeter, PP Woofer and Crossover	ARYA4000
Orange High Gloss - Ring Dome Tweeter, PP Woofer and Crossover	ARYA5000
Rosewood Veneer - Ring Dome Tweeter, PP Woofer and Crossover	ARYA6000

ARYA SPEAKER KITS PARTS LIST

Break down of the RINJANI Speaker Kits. Each component of the Rinjani speaker kit can be purchased individually. Review each description for further details.

ARYA SPEAKER CABINETS

Supplied in pairs. Completely finished cabinets. Includes speaker grilles, speaker terminals, ports, wadding, etc.all pre-installed. Requires crossovers (come with wiring) and speaker drivers.

Colour	Sold As	Code
White Satin	Pairs	ARYA-WHSAT
Black Satin	Pairs	ARYA-BKSAT
White High Gloss	Pairs	ARYA-WHGL
Black High Gloss	Pairs	ARYA-BKHGL
Orange High Gloss	Pairs	ARYA-ORHGL
Rosewood	Pairs	ARYA-RSWD

ARYA CROSSOVERS

The fully assembled crossovers are pre-wired and terminated with slide on quick connects for the drivers. No soldering is required.

Suits	Sold As	Code
Arya 2.5 Way	Pairs	ARYA-XO

ARYA TWEETERS AND WOOFERS

Arya kit requires four mid-woofers and two tweeters.

Description	Sold As	Code
1½" Ring Dome	Single	SB29RDAC-C000-4
6" Mid-Woofer	Single	SB17MFC35-8



▼ Manual



ARYA3000



ARYA6000

SBA SPEAKER KITS MICRO-C CERAMIC

HIGH PERFORMANCE CERAMIC CONE MID-BASS DRIVER

Treat yourself to far better sound quality than comparable pre-assembled consumer speakers can offer. This little speaker kit packs a punch and sounds great doing it! The Micro-C is a compact 2-way ideal for bookshelf, desktop, and smaller system use. High performance ceramic cone woofer. Available in a sports-car colour scheme of two pac premium finish in Lambo orange.

- Cabinets are available painted in matte satin or high gloss
- High performance compact design 262x132x170mm (4.2Kg)
- Optimized for SB Acoustic Ceramic Cone Mid-Woofers
- Excellent components, high quality crossover network
- Front firing integrated slot port extends bass to <68Hz
- Solid single-wiring binding posts included with cabinets
- 4Ω 65-28000Hz +/-3dB 85dB(2.83V/1m) 25-100W max.

▼ Manual



MICRO-C BUNDLED SPEAKER KITS

SBA Micro-C bundled kits include all kit components ready to start assembling. Various colours available.

Description	Code
White Satin - Dome tweeter, 4" Woofer Ceramic and Crossover	MICROC1000
Black Satin - Dome tweeter, 4" Woofer Ceramic and Crossover	MICROC2000
White High Gloss - Dome tweeter, 4" Woofer Ceramic and Crossover	MICROC3000
Black High Gloss - Dome tweeter, 4" Woofer Ceramic and Crossover	MICROC4000
Orange High Gloss - Dome tweeter, 4" Woofer Ceramic and Crossover	MICROC5000

MICRO-C PARTS LIST

Break down of the Micro-C kit. Each component of the Micro kit can be purchased individually. Review each description for further details.

Description	Sold As	Code
Micro-C Cabinet Pair - White Satin	Pairs	MICROC-WHSAT
Micro-C Cabinet Pair - Black Satin	Pairs	MICROC-BKSAT
Micro-C Cabinet Pair - White High Gloss	Pairs	MICROC-WHGL
Micro-C Cabinet Pair - Black High Gloss	Pairs	MICROC-BKHGL
Micro-C Cabinet Pair - Orange High Gloss	Pairs	MICROC-ORHGL
Micro-C Crossover SB12CAC25-4 & SB19ST-C000-4	Pairs	MICROC-XO
0.75" Tweeter Dome Tweeter 4 ohm	Single	SB19ST-C000-4
4" mid-woofer Ceramic Cone	Single	SB12CAC25-4



SBA SPEAKER KITS MICRO

The Micro is a compact 2-way ideal for bookshelf, desktop, and smaller system use. Treat yourself to far better sound quality than comparable pre-assembled consumer speakers can offer. This little speaker kit packs a punch and sounds great doing it!

- Compact design 260x130x170mm 4.2Kg (ea.) no grilles
- Aluminium midwoofers and 3/4" soft dome tweeter
- High quality component 2 way crossover 4KHz
- Front firing integrated slot port tuned to 49Hz
- Cabinets are 15mm MDF assembled, painted, including binding posts
- Amplifier = 25W - 100W. Sensitivity is ~85dB(1W/1m)

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MICRO BUNDLED SPEAKER KITS

SBA Micro bundled kits include all kit components ready to start assembling. Various colours available.

Description	Code
White Satin - Dome tweeter, 4" Woofer Aluminium and Crossover	MICRO1000
Black Satin - Dome tweeter, 4" Woofer Aluminium and Crossover	MICRO2000
White High Gloss - Dome tweeter, 4" Woofer Aluminium and Crossover	MICRO3000
Black High Gloss - Dome tweeter, 4" Woofer Aluminium and Crossover	MICRO4000
Orange High Gloss - Dome tweeter, 4" Woofer Aluminium and Crossover	MICRO5000

MICRO PARTS LIST

Break down of the Micro kit. Each component of the Micro kit can be purchased individually. Review each description for further details.

Description	Sold As	Code
Micro Cabinet Pair - White Satin	Pairs	MICRO-WHSAT
Micro Cabinet Pair - Black Satin	Pairs	MICRO-BKSAT
Micro Cabinet Pair - White High Gloss	Pairs	MICRO-WHGL
Micro Cabinet Pair - Black High Gloss	Pairs	MICRO-BKHGL
Micro Cabinet Pair - Orange High Gloss	Pairs	MICRO-ORHGL
Micro Crossover SB12PAC25-4 & SB19ST-C000-4	Pairs	MICRO-XO
0.75" Tweeter Dome Tweeter 4 ohm	Single	SB19ST-C000-4
4" Mid-Woofers Polymer chassis 4 ohm	Single	SB12PAC25-4



□ SBA Kits - Subwoofer

SBA 12" SUBWOOFER KIT TIGA

Extra compact high performance subwoofer unit for a lower WAF impact but with an impressive output capability that is big enough for a serious home theatre experience. This optionally powered 12" subwoofer kit is the perfect addition to any audio system to extend low end into the subsonic. SB Acoustics SB34SWPL76-4 12" ultra-low distortion sub woofer driver is paired up with two of the matching SB34NRX-00 passive radiators so this subwoofer kit can move quite a bit of air to provide outstanding output for its size. The kit is available in three models. The no-amplifier version comes with speaker output terminals for you to use your own external power amplifier. The 500W version uses the very powerful Dayton Audio SPA500 premium Class-AB plate amplifier that has parametric equaliser for easy room tuning to accomplish very high SPL without boominess. The 200W option uses our premium quality S200W amplifier renown for its optimised low frequency low distortion audio output and is ideal for home theatre but is also suitable for pairing with satellite speakers with its main speaker throughput so no separate amplifier sub output is required.

- SB Acoustics developed and manufactured
- Compact subsonic 12" subwoofer kit
- Beautiful piano finish high-gloss paint
- One active 12" driver from SB Acoustics
- Two passive 12" radiators SB Acoustics eliminates port air noises and distortion.
- Produces high SPL usable down below 20Hz
- Made solid from 22mm MDF with bracing
- Includes wadding and feet and all screws
- Optional amplifiers to choose from
- Easy to assemble solution for DIY
- Achieves the best sound for your dollar
- Suitable for audiophile grade bass extension
- Suitable for home theatre excitement and realism



▼ Brochure



ACOUSTICS



DUAL PASSIVE

TIGA 12" SUBWOOFER BUNDLED KITS

Tiga 12" Subwoofer bundled kits come with all kit components ready to start assembling. 2 bundled kit options to select from. 1x Kit without Amplifier features speaker terminals to connect sub to external amplifier and 1x model with built-in plate 500W amplifier.

Description	Code
12" Subwoofer - Triple Driver Box - No Amp	SUB34SW00
12" Subwoofer - Triple Driver Box - 500W Amp	SUB34SW500

TIGA 12" SUBWOOFER KIT PARTS LIST

Break down of the TIGA 12" Subwoofer Kits. Each component of the 12" Subwoofer kit can be purchased individually. Review each description for further details.

TIGA SUB CABINETS

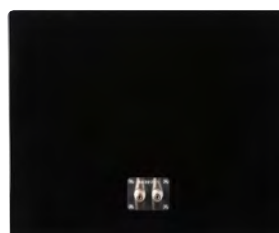
Cabinet Only. Requires drivers and amplifier if required. Includes feet and acoustic sound deadener material. 3 models to select from. Available with or without plate amplifier hole cut out. Model without amplifier hole cut includes speaker terminal for an external amplifier connection. Models with amplifier hole cut out need to be matched to corresponding amplifier to ensure correct amplifier cut out hole size in cabinet.

Hole	Code
No Amp. (Speaker Terminals)	CAB34SW00
Amp Cut-Out (Suits SPA500)	CAB34SW500

TIGA SUBWOOFER & RADIATOR DRIVERS

Finished kit will require three SBA Drivers in total. 1x Sub-Woofer Driver and 2x Passive Radiators.

Description	Code
12" Sub Woofer Driver SBA	SB34SWPL76-4
12" Passive Radiator SBA	SB34NRX-00



No Amp. Speaker Terminal for external Amplifier.



500W Amplifier SPA500

TIGA SUB PLATE AMPLIFIER

Option your subwoofer as active or passive. Built-in amplifier or use your own external subwoofer amplifier.

Description	Code
Amplifier Class-AB 500Wrms	SPA500



SPEAKER SPIKE UPGRADE

TIGA 12" Cabinets come with non-scratch plastic feet installed with nuts and can be removed for upgrading to optional spiked feet. The DSS Series spikes are precision machined from solid brass and then plated with a satin nickel finish. Each cone spike weighs 86 grams and measures 32mm diameter and 38mm tall. The two-piece threaded tip design allows for precise level adjustment. Threaded studs are compatible with the SBA sub cabinets for mounting.

Colour	Code
Satin	DSS4-SN
Grey	DSS4-BC
Black	DSS4-BK



□ SBA Satori Range

SATORI - SB ACOUSTICS AUDIOPHILE RANGE

SATORI IS THE HIGH END AUDIOPHILE RANGE FROM SB ACOUSTICS

Satori range is engineered by Danesian Audio of Denmark to offer State-Of-The-Art drivers giving outstanding performance and is widely recommended to offer the best performance to price ratio for high-end audio.

ACOUSTICS



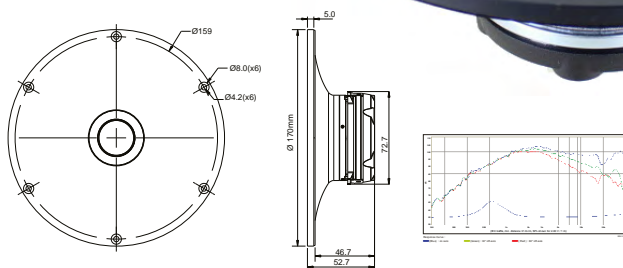
SATORI 1 1/4" DOME TWEETER BERYLLIUM NEO WITH 170MM WAVE GUIDE

Tweeter with 29mm Beryllium dome, neodymium motor, aluminium waveguide, with chamber. Beryllium is known for its open and spatial sound, often described as holographic. The self damping properties of Beryllium allow for an extended response without a huge spike in the response at higher frequencies seen in most metal dome tweeters. All dome materials have a different tonal and spatial presentation. Beryllium has a real positive difference, providing a experience unlike all other dome materials.

- Beryllium dome for non-resonant high frequency extension
- Dual balanced compression chambers for improved dynamics
- Dual copper caps for absolute minimum voice coil inductance and minimum phase shift
- High saturation neodymium motor system with T-shaped pole piece for lower distortion
- Non-reflective cast aluminium chamber with optimised damping for improved dynamics
- Shallow flow optimised magnet structure for optimum coupling to rear chamber
- CCAW voice coil for low moving mass
- Long life silver lead wires
- Low resonance frequency for extended range
- Solid aluminium waveguide
- Controlled directivity
- Adaptor ring for bolt-less mounting to driver

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Impedance	4Ω (Re 3.0Ω)	8Ω (Re 6.2Ω)
Power	80Wrms	80Wrms
Sens.	97dB	94dB
Fs	700Hz	750Hz
Code	TW29BNWG-4	TW29BNWG-8

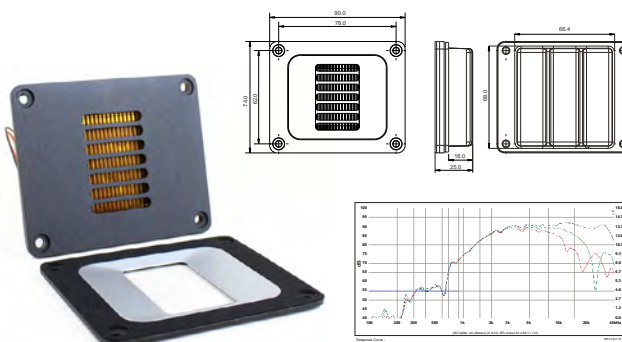


SATORI TWEETER AIR MOTION

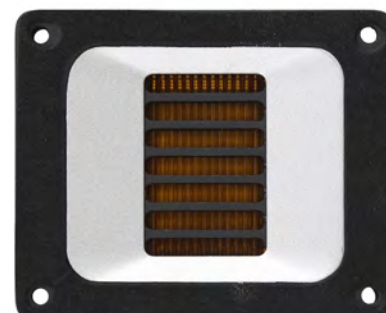
Air Motion Transformer (AMT) tweeter built to be best, from SBA Satori, featuring a precision diaphragm assembly, unique foil damping and an optimized rear chamber. Includes an additional cosmetic faceplate. Flat to 30KHz on axis, this tweeter has virtually nil odd-harmonics, a flat impedance curve with no resonances.

- Precision diaphragm assembly
- Unique foil damping
- Optimised rear chamber
- Two part faceplate
- Smooth controlled dispersion
- Very flat impedance curve

Type	Air Motion Tweeter
Impedance	4Ω (Re 3.9Ω)
Sens.	91dB
Dimensions	90x74x25mm
Code	AT60NC-4



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SATORI 1¼" DOME TWEETER BERYLLIUM NEO

Beryllium is known for its open and spatial sound, often described as holographic. The self-damping properties of Beryllium allow for an extended response without a huge spike in the response at higher frequencies seen in most metal dome tweeters. While all dome materials have a different tonal and spatial presentation, Beryllium makes a real positive difference, providing an experience unlike all other dome materials.

- Beryllium dome for non-resonant high frequency extension
- Two part aluminium faceplate with integrated mechanical decoupling
- Dual balanced compression chambers for improved dynamics
- Dual copper caps for absolute minimum voice coil inductance and minimum phase shift
- High saturation neodymium motor system with T-shaped pole piece for lower distortion
- Non-reflective cast aluminium chamber with optimized damping for improved dynamics
- Shallow flow optimized magnet structure for optimum coupling to rear chamber
- CCAW voice coil for low moving mass and Long life silver lead wires
- Low resonance frequency for extending crossover frequency range

Impedance	4Ω (Re 3.0Ω)	4Ω (Re 3.0Ω)	8Ω (Re 6.2Ω)	8Ω (Re 6.2Ω)
Fs	700Hz	700Hz	750Hz	750Hz
Sens.	95dB	95dB	93.5dB	93.5dB
Power	80Wrms	80Wrms	80Wrms	80Wrms
Qes	0.6	0.6	0.8	0.8
Qms	2.1	2.1	1.75	1.75
Qts	0.46	0.46	0.55	0.55
Colour	Silver Rim	Black	Silver Rim	Black
Code	TW29BN	TW29BN-B	TW29BN-8	TW29BN-B-8



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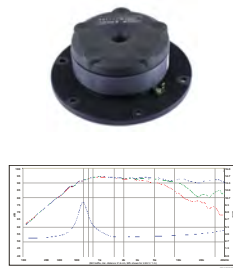


SATORI 1¼" DOME TWEETER BERYLLIUM

Beryllium is known for its open and spatial sound, often described as holographic. The self-damping properties of Beryllium allow for an extended response without a huge spike in the response at higher frequencies seen in most metal dome tweeters. While all dome materials have a different tonal and spatial presentation, Beryllium makes a real positive difference, providing an experience unlike all other dome materials.

- Beryllium dome for non-resonant high frequency extension
- Two part aluminium faceplate with integrated mechanical decoupling
- Dual balanced compression chambers for improved dynamics
- Dual copper caps for absolute minimum voice coil inductance and minimum phase shift
- Non-reflective cast aluminium chamber with optimized damping for improved dynamics
- CCAW voice coil for low moving mass
- Long life silver lead wires
- Low resonance frequency for extended range

Impedance	4Ω (Re 3.0Ω)	4Ω (Re 3.0Ω)
Fs	600Hz	600Hz
Sens.	92dB	92dB
Power	80Wrms	80Wrms
Qes	1.3	1.3
Qms	2.9	2.9
Qts	0.9	0.9
Colour	Silver Rim	Black
Code	TW29B	TW29B-B



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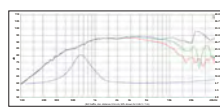
B Version

SATORI 1¼" DOME TWEETER TEXTREME

New in the premium SB Acoustic Satori line is the 8 ohm version of their premium tweeter with Neodymium magnet and TeXtreme dome. TeXtreme is an advanced, super thin carbon fibre fabric that maximises the strength-to-weight ratio. This unit features smooth frequency response allowing for minimal effort in network design.

- Advanced TeXtreme® carbon fibre ultra-light ultra-strong fabric dome
- Two part aluminium faceplate with integrated mechanical decoupling
- Dual balanced compression chambers for improved dynamics
- Dual copper caps for absolute minimum voice coil inductance and minimum phase shift
- High saturation neodymium motor system with T-shaped pole piece for lower distortion
- Non-reflective cast aluminium chamber with optimized damping for improved dynamics
- Shallow flow optimized magnet structure for optimum coupling to rear chamber
- CCAW voice coil for low moving mass and Long life silver lead wires
- Low resonance frequency for extended range

Impedance	4Ω (Re 3.0Ω)	8Ω (Re 6.2Ω)
Fs	650Hz	680Hz
Sens.	96dB	93.5dB
Power	80Wrms	80Wrms
Qes	0.65	0.77
Qms	1.62	1.63
Qts	0.46	0.52
Colour	Black	Black
Code	TW29TXN-B	TW29TXN-B-8



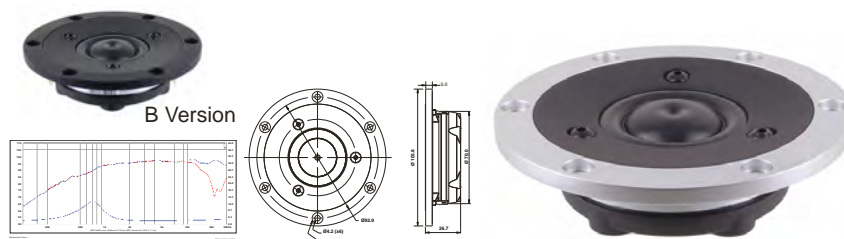
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SATORI 1¼" RING TWEETER NEO

Non-resonant diaphragm design for minimum high frequency break-up. Two part aluminium faceplate with integrated mechanical decoupling. Dual balanced compression chambers for improved dynamics. Dual copper caps for absolute minimum voice coil inductance and minimum phase shift. High saturation neodymium motor system with T-shaped pole piece for lower distortion. Non-reflective cast aluminium chamber with optimized damping for improved dynamics. Shallow flow optimized magnet structure for optimum coupling to rear chamber. CCAW voice coil for low moving mass. Long life silver lead wires. Low resonance frequency for extended range.

Impedance	4Ω (Re 3.0Ω)	4Ω (Re 3.0Ω)	8Ω (Re 6.2Ω)
Fs	700Hz	700Hz	650Hz
Sens.	96dB	96dB	93dB
Power	80Wrms	80Wrms	80Wrms
Qes	0.65	0.65	0.66
Qms	2.1	2.1	1.74
Qts	0.49	0.49	0.48
Colour	Silver Rim	Black	Black
Code	TW29RN	TW29RN-B	TW29RN-B8

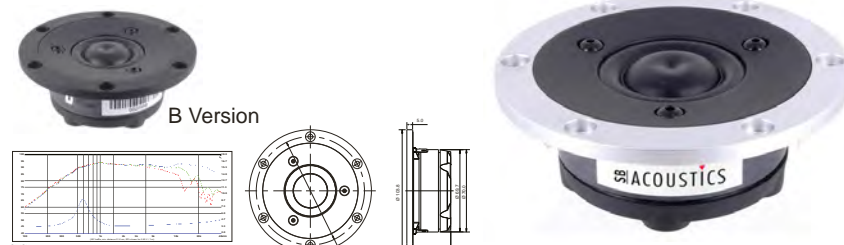


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SATORI 1¼" RING TWEETER

Non-resonant diaphragm design for minimum high frequency break-up. Two part aluminium faceplate with integrated mechanical decoupling. Dual balanced compression chambers for improved dynamics. Dual copper caps for absolute minimum voice coil inductance and minimum phase shift. Saturation controlled motor system with T-shaped pole piece for lower distortion. Non-reflective cast aluminium chamber with optimized damping for improved dynamics. Flow optimized vented pole piece for optimum coupling to rear chamber. CCAW voice coil for low moving mass. Long life silver lead wires. Low resonance frequency for extended range.

Impedance	4Ω (Re 3.0Ω)	4Ω (Re 3.0Ω)	8Ω (Re 6.2Ω)
Fs	600Hz	600Hz	650Hz
Sens.	92dB	92dB	93dB
Power	80Wrms	80Wrms	80Wrms
Qes	1.24	1.24	0.66
Qms	2	2	1.74
Qts	0.77	0.77	0.48
Colour	Silver Rim	Black	Silver Rim
Code	TW29R	TW29R-B	TW29RN-8



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SATORI 1¼" DOME TWEETER TEXTILE NEO

Satori large-surround dome tweeter with Neodymium magnets for high-output and two part aluminium faceplate with integrated mechanical decoupling. Dual balanced compression chambers for improved dynamics. Dual copper caps for absolute minimum voice coil inductance and minimum phase shift. High saturation ferrite motor system with T-shaped pole piece for lower distortion. Non-reflective cast aluminium chamber with optimized damping for improved dynamics. Shallow flow optimized magnet structure for optimum coupling to rear chamber. CCAW voice coil for low moving mass. Long life silver lead wires. Low resonance frequency for extended range.

Impedance	4Ω (Re 3.0Ω)	4Ω (Re 3.0Ω)	8Ω (Re 6.2Ω)	8Ω (Re 6.2Ω)
Fs	650Hz	650Hz	650Hz	650Hz
Sens.	96dB	96dB	93dB	93dB
Power	80Wrms	80Wrms	80Wrms	80Wrms
Qes	1.66	1.66	1.61	1.61
Qts	0.43	0.43	0.46	0.46
Colour	Silver Rim	Black	Silver Rim	Black
Code	TW29DN	TW29DN-B	TW29DN-8	TW29DN-B-8

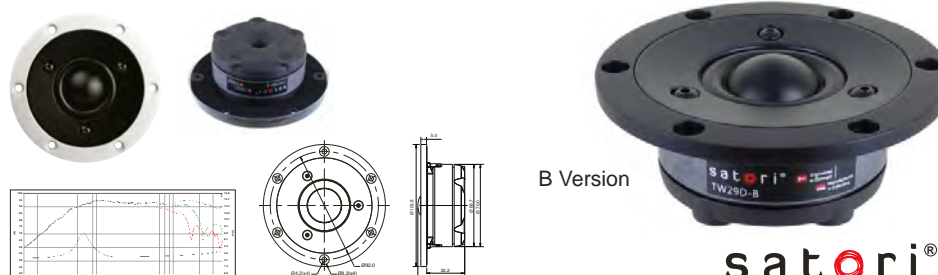


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SATORI 1¼" DOME TWEETER TEXTILE

Satori large-surround dome tweeter with high-output and two part aluminium faceplate with integrated mechanical decoupling. Dual balanced compression chambers for improved dynamics. Dual copper caps for absolute minimum voice coil inductance and minimum phase shift. High saturation ferrite motor system with T-shaped pole piece for lower distortion. Non-reflective cast aluminium chamber with optimized damping for improved dynamics. Shallow flow optimized magnet structure for optimum coupling to rear chamber. CCAW voice coil for low moving mass. Long life silver lead wires. Low resonance frequency for extended range.

Impedance	4Ω (Re 3.0Ω)	4Ω (Re 3.0Ω)
Fs	600Hz	600Hz
Sens.	92.5dB	92.5dB
Power	80Wrms	80Wrms
Qes	2.2	2.2
Qts	1.27	1.27
Qts	0.81	0.81
Colour	Silver Rim	Black
Code	TW29D	TW29D-B



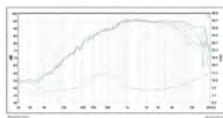
satori®

SATORI 2½" FABRIC DOME MIDRANGE

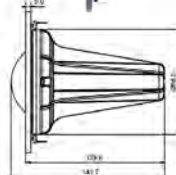
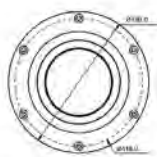
60mm Voice coil, textile dome, neodymium motor, aluminium faceplate, injection chamber.

- Coated non-resonant soft dome
- Powerful neodymium motor system
- Tuned closed-end transmission line chamber
- Dynamic dome stabiliser and flow resistor
- Machined aluminium faceplate
- Vented coil former
- Braided long-life silver litz wires

Impedance	6Ω (Re 5.3Ω)
Fs	450Hz
Sens.	94dB
Code	MD60N-6



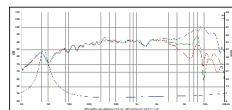
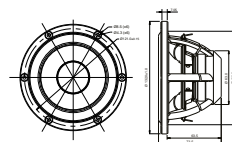
satori®

**SATORI 5" MID-RANGE - PAPYRUS**

Vented aerodynamic cast aluminium chassis for optimum strength and low compression. Proprietary cone material with EGYPTIAN PAPYRUS™ fibres made in-house. Soft low damping rubber surround for optimum transient response. Advanced BIMAX spider for improved linearity. Powerful optimized low distortion neodymium motor system. Non-conducting fibre glass voice coil former for minimum damping. Extended copper sleeve on pole piece for low inductance and reduced distortion. CCAW voice coil for reduced moving mass. Long life silver lead wires attached 180° apart for improved stability. Vented pole piece and coil former for reduced compression. High piston to chassis diameter ratio. Gasket and bolt hole protrusions for reduced coupling to speaker cabinet.

Impedance	4Ω (Re 3.0Ω)	8Ω (Re 6.8Ω)	4Ω (Re 3.0Ω)	8Ω (Re 6.8Ω)
Fs	41Hz	45Hz	41Hz	47Hz
Sens.	91dB	88dB	91dB	88dB
Power	30Wrms	30Wrms	30Wrms	30Wrms
Qms	2.8	4.25	2.8	4.58
Qes	0.25	0.33	0.25	0.32
Qts	0.23	0.31	0.23	0.3
Vas	19.4L	12.5L	19.4L	12.9L
Colour	Black Cone	Black Cone	White Cone	White Cone
Code	MR13P-4	MR13P-8	MR13PNW-4	MR13PNW-8

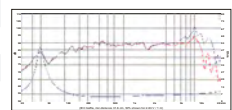
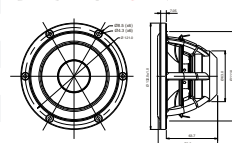
satori®

**SATORI 5" MID-WOOFER - PAPYRUS**

Vented aerodynamic cast aluminium chassis for optimum strength and low compression. Proprietary cone material with EGYPTIAN PAPYRUS™ fibres made in-house. Soft low damping rubber surround for optimum transient response. Advanced BIMAX spider for improved linearity. Powerful optimized low distortion neodymium motor system. Non-conducting fibre glass voice coil former for minimum damping. Extended copper sleeve on pole piece for low inductance and reduced distortion. CCAW voice coil for reduced moving mass. Long life silver lead wires attached 180° apart for improved stability. Vented pole piece and coil former for reduced compression. High piston to chassis diameter ratio. Gasket and bolt hole protrusions for reduced coupling to speaker cabinet.

Impedance	4Ω (Re 3.8Ω)	8Ω (Re 6.0Ω)	4Ω (Re 3.8Ω)	8Ω (Re 6.0Ω)
Fs	41Hz	41.5Hz	41Hz	41Hz
Sens.	89dB	87dB	89dB	87dB
Power	40Wrms	40Wrms	40Wrms	40Wrms
Qes	0.29	0.33	3.71	3.84
Qms	3.71	3.55	0.29	0.33
Qts	0.27	0.3	0.27	0.31
Vas	14.6L	15L	15L	15L
Colour	Black Cone	Black Cone	White Cone	White Cone
Code	MW13P-4	MW13P-8	MW13PNW-4	MW13PNW-8

satori®

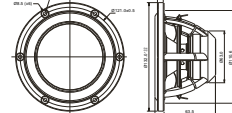
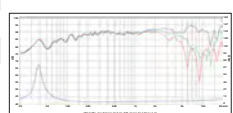
**SATORI 5" MID-WOOFER - TEXTREME**

Premium 5" woofer with Neodymium magnet, aerodynamic chassis and woven TeXtreme cone. TeXtreme is an advanced, super thin carbon fibre fabric that maximizes the strength-to-weight ratio. The spread tow technology offers several advantages over regular Spread tow fabrics, such as very low crimp, lower weight and improved cosmetics (cones are very flat and smooth). The laminated thin-ply TeXtreme® material has an excellent stiffness-to-weight ratio (though surpassed by beryllium, it is also significantly less expensive). Available in 4 ohm and 8 ohm models.

Impedance	4Ω (Re 3.8Ω)	8Ω (Re 6.0Ω)
Power	40Wrms	40Wrms
Sens.	89dB	87dB
Fs	38Hz	40Hz
Qms	5.08	4.99
Qes	0.27	0.34
Qts	0.26	0.32
Vas	16L	14.8L
Code	MW13TX-4	MW13TX-8

TeXtreme

satori®



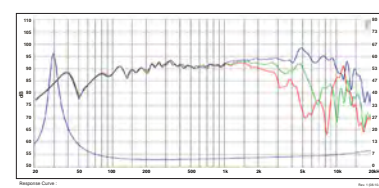
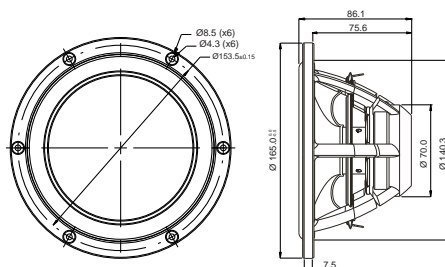
SATORI 6½" MID-WOOFER - TEXTREME

SPREAD TOW ULTRA-LIGHT THIN PLY WOVEN CARBON FIBRE COMPOSITE CONE MATERIAL

New in the premium SB Acoustic Satori line is the premium 6½" woofer with Neodymium magnet, aerodynamic chassis and woven TeXtreme® cone. TeXtreme® is an advanced, super thin carbon fibre fabric that maximises the strength-to-weight ratio. The spread tow technology offers several advantages over regular tow fabrics, such as very low crimp, lower weight and improved cosmetics (cones are very flat and smooth). The laminated thin-ply TeXtreme® material has an excellent stiffness-to-weight ratio (though surpassed by beryllium, it is also significantly less expensive). Available in 4 ohm and 8 ohm models.

- Advanced TeXtreme® cone
- Vented aerodynamic cast aluminium chassis
- Soft low damping rubber surround
- Advanced BIMAX spider
- Powerful optimized low distortion neodymium motor system
- Extended copper sleeve on pole piece
- Non-conducting fibre glass voice coil former
- Vented pole piece and voice coil

Impedance	4Ω (Re 3.4Ω)	8Ω (Re 6.2Ω)
Power	60Wrms	60Wrms
Sens.	90.5dB	87.5dB
Fs	29Hz	29.3Hz
Qms	5	4.7
Qes	0.29	0.35
Qts	0.27	0.33
Vas	48L	48L
Code	MW16TX-4	MW16TX-8

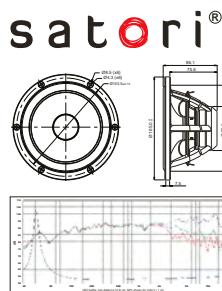


satori®
TeXtreme

SATORI 6.5" MID-RANGE

Vented aerodynamic cast aluminium chassis for optimum strength and low compression. Proprietary cone material with EGYPTIAN PAPYRUS™ fibres made in-house. Soft low damping rubber surround for optimum transient response. Advanced BIMAX spider for improved linearity. Powerful optimized low distortion neodymium motor system. Non-conducting fibre glass voice coil former for minimum damping. Extended copper sleeve on pole piece for low inductance and reduced distortion. CCAW voice coil for reduced moving mass. Long life silver lead wires attached 180° apart for improved stability. Vented pole piece and coil former for reduced compression. High piston to chassis diameter ratio. Gasket and bolt hole protrusions for reduced coupling to speaker cabinet. Mode balanced cone for reduced break-up.

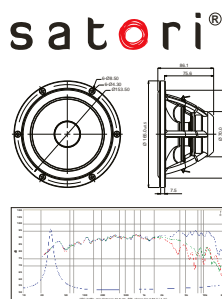
Impedance	4Ω (Re 3.2Ω)	8Ω (Re 6.2Ω)	4Ω (Re 3.2Ω)	8Ω (Re 6.2Ω)
Fs	31Hz	32Hz	31Hz	32Hz
Sens.	92dB	88dB	92.5dB	88dB
Power	40Wrms	30Wrms	40Wrms	30Wrms
Qes	0.26	0.32	4.85	5.11
Qms	4.85	5.11	0.26	0.32
Qts	0.25	0.3	0.25	0.3
Vas	47.2L	44.3L	47.2L	44.3L
Colour	Black Cone	Black Cone	White Cone	White Cone
Code	MR16P-4	MR16P-8	MR16PNW-4	MR16PNW-8



SATORI 6.5" MID-WOOFER

Vented aerodynamic cast aluminium chassis for optimum strength and low compression. Proprietary cone material with EGYPTIAN PAPYRUS™ fibres made in-house. Soft low damping rubber surround for optimum transient response. Advanced BIMAX spider for improved linearity. Powerful optimized low distortion neodymium motor system. Non-conducting fibre glass voice coil former for minimum damping. Extended copper sleeve on pole piece for low inductance and reduced distortion. CCAW voice coil for reduced moving mass. Long life silver lead wires attached 180° apart for improved stability. Vented pole piece for reduced compression. High piston to chassis diameter ratio. Gasket and bolt hole protrusions for reduced coupling to speaker cabinet.

Impedance	4Ω (Re 3.4Ω)	8Ω (Re 6.2Ω)	4Ω (Re 3.4Ω)	8Ω (Re 6.2Ω)
Fs	28Hz	29Hz	28Hz	29Hz
Sens.	90.5dB	87.5dB	91dB	88dB
Power	60Wrms	60Wrms	60Wrms	60Wrms
Qms	5	4.5	4.5	4.72
Qes	0.28	0.35	0.29	0.34
Qts	0.27	0.33	0.27	0.32
Vas	50.2L	48L	51.8L	49.9L
Colour	Black Cone	Black Cone	White Cone	White Cone
Code	MW16P-4	MW16P-8	MW16PNW-4	MW16PNW-8



SATORI 7½" MID-WOOFER - TEXTREME®

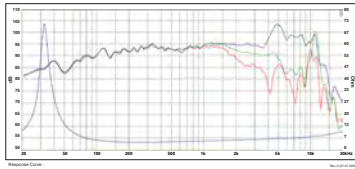
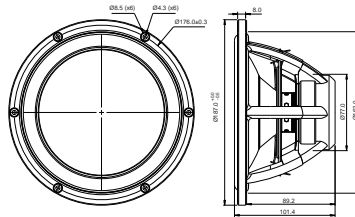
SPREAD TOW ULTRA-LIGHT THIN PLY WOVEN CARBON FIBRE COMPOSITE CONE MATERIAL

New in the premium SB Acoustic Satori line is the premium 7½" woofer with Neodymium magnet, aerodynamic chassis and woven TeXtreme® cone. TeXtreme® is an advanced, super thin carbon fibre fabric that maximises the strength-to-weight ratio. The spread tow technology offers several advantages over regular tow fabrics, such as very low crimp, lower weight and improved cosmetics (cones are very flat and smooth). Available in 4 ohm and 8 ohm models.

- Advanced TeXtreme® cone
- Vented aerodynamic cast aluminium chassis
- Soft low damping rubber surround
- Advanced BIMAX spider
- Powerful optimized low distortion neodymium motor system
- Extended copper sleeve on pole piece
- Non-conducting fibre glass voice coil former
- Vented pole piece and voice coil
- Light weight CCAW voice coil
- Long life silver lead wires

satori®
TeXtreme

Impedance	4Ω (Re 3.4Ω)	8Ω (Re 6.0Ω)
Power	70Wrms	70Wrms
Sens.	93dB	90dB
Fs	32Hz	33Hz
Qms	5.43	6.47
Qes	0.28	0.35
Qts	0.27	0.33
Vas	53.2L	53.4L
Code	MW19TX-4	MW19TX-8

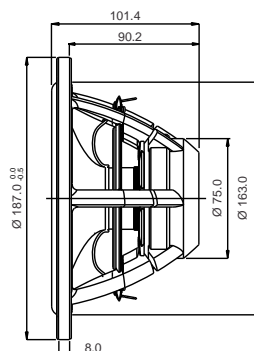
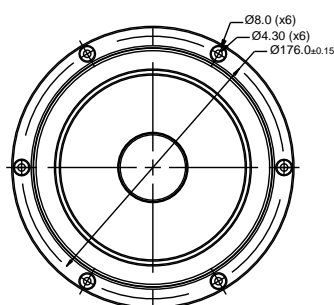
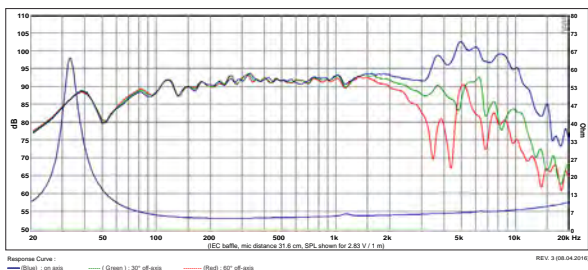


SATORI 7.5" MID-WOOFER

Vented aerodynamic cast aluminium chassis for optimum strength and low compression. Proprietary cone material with EGYPTIAN PAPYRUS™ fibres made in-house. Soft low damping rubber surround for optimum transient response. Advanced BIMAX spider for improved linearity. Powerful optimized low distortion neodymium motor system. Non-conducting fibre glass voice coil former for minimum damping. Extended copper sleeve on pole piece for low inductance and reduced distortion. CCAW voice coil for reduced moving mass. Long life silver lead wires attached 180° apart for improved stability. Vented pole piece for reduced compression. High piston to chassis diameter ratio. Gasket and bolt hole protrusions for reduced coupling to speaker cabinet.

Impedance	4Ω (Re 3.4Ω)	8Ω (Re 6.0Ω)	4Ω (Re 3.4Ω)	8Ω (Re 6.0Ω)
Fs	32Hz	32.5Hz	32Hz	32.5Hz
Sens.	91.5dB	89dB	91dB	89dB
Power	70Wrms	70Wrms	70Wrms	70Wrms
Qms	4.11	4.06	0.22	0.29
Qes	0.3	0.36	4.02	4.41
Qts	0.28	0.33	0.21	0.27
Vas	48L	48L	78.1L	76.1L
Colour	Black Cone	Black Cone	White Cone	White Cone
Code	MW19P-4	MW19P-8	MW19PNW-4	MW19PNW-8

satori®



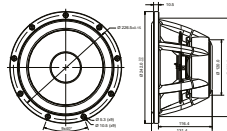
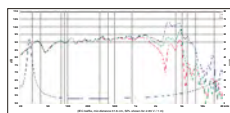
SATORI 9.5" WOOFER

Hard paper cone for improved piston operation (made in-house). Large optimized motor system with under-cut pole piece and dual shorting rings. Vented aerodynamic cast aluminium chassis for optimum strength and low compression. Soft low damping rubber surround for optimum transient response. Linear symmetric suspension design for improved dynamic performance. Non-conducting fibre glass voice coil former for minimum damping. Long life silver lead wires attached 180° apart for improved stability. Vented pole piece for reduced compression. High piston to chassis diameter ratio. Gasket and bolt hole protrusions for reduced coupling to speaker cabinet.

Impedance	4Ω (Re 3.0Ω)
Fs	28Hz
Sens.	91dB
Power	90Wrms
Qms	6.7
Qes	0.42
Qts	0.4
Vas	71L
Code	WO24P-4



satori®



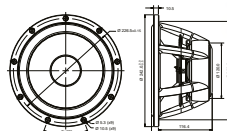
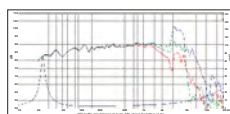
SATORI 9.5" WOOFER

Hard paper cone for improved piston operation (made in-house). Large optimized motor system with under-cut pole piece and dual shorting rings. Vented aerodynamic cast aluminium chassis for optimum strength and low compression. Soft low damping rubber surround for optimum transient response. Linear symmetric suspension design for improved dynamic performance. Non-conducting fibre glass voice coil former for minimum damping. Long life silver lead wires attached 180° apart for improved stability. Vented pole piece for reduced compression. High piston to chassis diameter ratio. Gasket and bolt hole protrusions for reduced coupling to speaker cabinet.

Impedance	8Ω (Re 5.8Ω)
Fs	24.5Hz
Sens.	88dB
Power	90Wrms
Qes	0.41
Qms	5.7
Qts	0.38
Vas	87.5L
Code	WO24P-8



satori®



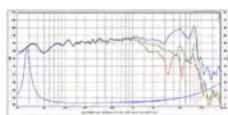
SATORI 9½" WOOFER - TEXTREME®

SPREAD TOW ULTRA-LIGHT THIN PLY WOVEN CARBON FIBRE COMPOSITE CONE MATERIAL

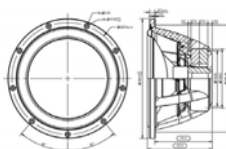
New in the premium SB Acoustic Satori line is the premium 9½" woofer with ferrite magnet, aerodynamic chassis and woven TeXtreme® cone. TeXtreme® is an advanced, super thin carbon fibre fabric that maximises the strength-to-weight ratio. The spread tow technology offers several advantages over regular tow fabrics, such as very low crimp, lower weight and improved cosmetics (cones are very flat and smooth). The laminated thin-ply TeXtreme® material has an excellent stiffness-to-weight ratio (though surpassed by beryllium, it is also significantly less expensive). Available in 4 ohm and 8 ohm models.

- Advanced TeXtreme(R) cone for improved piston operation.
- Large optimized motor system with under-cut pole piece and dual shorting rings.
- Vented aerodynamic cast aluminium chassis for optimum strength and low compression.
- Soft low damping rubber surround for optimum transient response.
- Linear symmetric suspension design for improved dynamic performance.
- Non-conducting fibre glass voice coil former for minimum damping.
- Long life silver lead wires attached 180° apart for improved stability.
- Vented pole piece for reduced compression.
- Low piston to chassis diameter ratio.
- Gasket and bolt hole protrusions for reduced coupling to speaker cabinet.

Impedance	4Ω (Re 3.3Ω)	8Ω (Re 5.8Ω)
Fs	26.3Hz	24.5Hz
Power	90Wrms	90Wrms
Sens.	91dB	88dB
Qms	5.66	5.67
Qes	0.37	0.36
Qts	0.35	0.34
Vas	79L	88L
Diam.	242mmØ	242mmØ
Hole	209mmØ	209mmØ
Depth	116mm	116mm
Code	WO24TX-4	WO24TX-8



satori®
TeXtreme



□ SBA Drivers

SB ACOUSTICS LOUDSPEAKER DRIVERS

DANESIAN AUDIO APS of DENMARK

Based in the heart of Denmark, Danesian Audio was founded by a team of dedicated Danish engineers, who have been working closely together since 1997 to push the boundaries of sound reproduction. Constantly striving to push the boundaries of technology and processes using advanced tools such as 3D CAD, FEA tools and high class measurement solutions, Danesian Audio aims to deliver high class solutions tailored to our customers' needs. We believe that, despite the advanced tools, the human ear is the most critical and important tool to be used in our development process and therefore spend a significant amount of time evaluating our solutions in our custom-designed listening room. We are a company focused on our customers and we are dedicated to helping you in every way.

<https://danesian.dk/>

DANESIAN AUDIO APS

SINAR BAJA ELECTRIC

Built from the foundation of a company with decades of manufacturing experience and partnered with an engineering consultancy touted for their revolutionary designs. SB Acoustics was formed to bring an alternative to the high-end transducer market. Marrying the design talents of Danesian Audio (Denmark), a company filled with industry veterans, responsible for many well known and revolutionary designs, and manufacturing expert Sinar Baja Electric (Indonesia), a vertically integrated company with more than 40 years of transducer manufacturing experience. We feel we have been able to create an affordable line of products, without compromising acoustic performance for cost. Ultimately, we invite you to judge.

<https://sbacoustics.com/>

ACOUSTICS

□ Beryllium Dome Tweeters

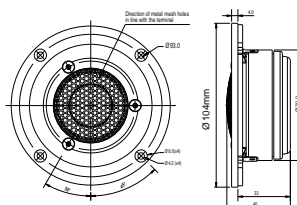
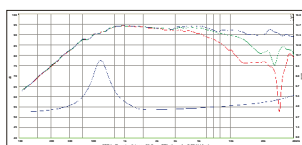
SB ACOUSTICS 1" TWEETER - BERYLLIUM DOME BAC

BERYLLIUM IS SEVEN TIMES MORE RIGID THAN TITANIUM

Optimized rear chamber and vented pole piece. High output above 92 dB. Strong response well above 20kHz. Cast aluminium faceplate. Copper cap for reduced voice coil inductance and minimum phase shift. Non-reflective rear chamber with optimized damping for improved dynamics. Flow optimized vented pole piece for optimum coupling to rear chamber. Fine weave soft fabric dome for smooth frequency response. Saturation controlled motor system for low distortion. CCAW voice coil for low moving mass. Long life silver lead wires. Low resonance Fs.

Impedance	4Ω (Re 3.0Ω)
Power	80Wrms
Sens.	92.5dB
Fs	600Hz
Coil	29mmØ
Code	SB29BAC-C000-4

ACOUSTICS



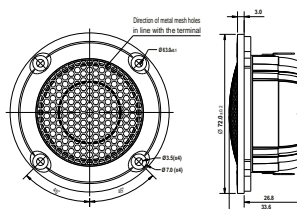
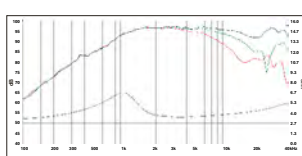
SB ACOUSTICS 1" TWEETER - BERYLLIUM DOME NEO BNC

NEODYMIUM MAGNET - 72MMØ FACIA

Beryllium is incredibly rigid (seven times more rigid than Titanium or Aluminium) and is considered one of the best materials in the world for tweeter domes. Extended frequency response past 20 kHz provides exceptional airiness and spatial quality with superb transients and micro-instrumentation. The result is a subtle, detailed, dynamic tweeter with fast response but without the typical harshness of metal domes that can cause listener fatigue. Low resonance, very high output, excellent power handling and protective grille, compact facia for high density facias.

Impedance	4Ω (Re 3.0Ω)
Power	80Wrms
Fs	950Hz
Sens.	95dB
Coil	29mmØ
Code	SB29BNC-C000-4

ACOUSTICS



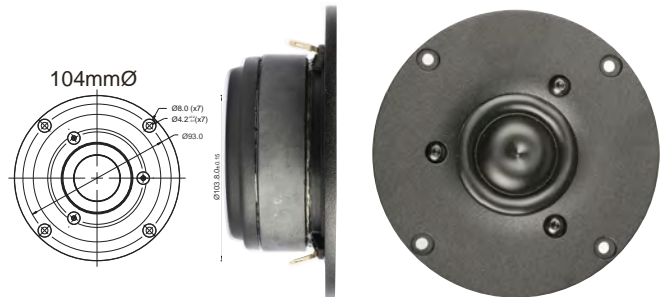
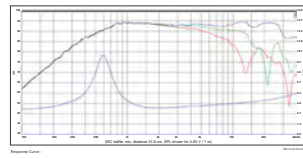
1 1/4" Dome Tweeters

SB ACOUSTICS 1 1/4" RING TWEETER - RDAC

29MMØ RING DOME TEXTILE - 104MMØ ALUMINIUM FACE PLATE

Cast aluminium faceplate. Non-resonant diaphragm design for minimum high frequency break-up. Dual balanced compression chamber for improved dynamics. Copper cap for reduced voice coil inductance and minimum phase shift. Saturation controlled motor system for low distortion. Non-reflective rear chamber with optimized damping for improved dynamics. Flow optimized vented pole piece for optimum coupling to rear chamber. CCAW voice coil for low moving mass. Long life silver lead wires. Low resonance frequency.

Impedance	4Ω (Re 3.0Ω)
Power	100Wrms
Sens.	93dB
Fs	600Hz
Coil	29mmØ
Code	SB29RDAC-C000-4

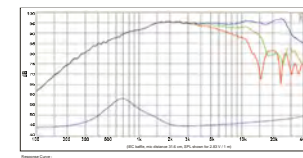


SB ACOUSTICS 1 1/4" RING TWEETER - RDNC

29MMØ RING DOME - NEODYMIUM - 72MMØ FACE PLATE

Non-resonant diaphragm design for minimum high frequency break-up. CCAW voice coil for low moving mass. Long life silver lead wires. Low resonance frequency. Copper cap on pole piece for reduced voice coil inductance and minimum phase shift. Inherently shielded neodymium motor system. Internal pressure equalization and flow resistor for non-resonant coupling of cavities. Compact design.

Impedance	4Ω (Re 3.0Ω)
Power	100Wrms
Sens.	94dB
Fs	680Hz
Coil	29mmØ
Code	SB29RDNC-C000-4

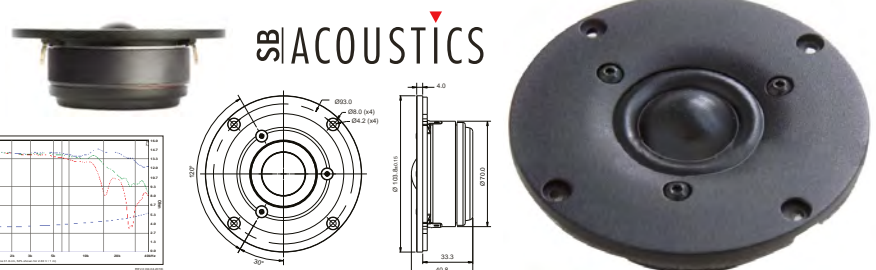
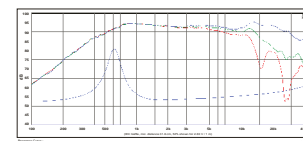


SB ACOUSTICS 1 1/4" DOME TWEETER - SDAC

29MMØ SOFT DOME TEXTILE - 104MMØ ALUMINIUM FACE PLATE

Large surround dome for increased acoustic output. Dual balanced compression chamber for improved dynamics. Copper cap for reduced voice coil inductance and minimum phase shift. Saturation controlled motor system for low distortion. Non-reflective rear chamber with optimized damping for improved dynamics. Flow optimized vented pole piece for optimum coupling to rear chamber. CCAW voice coil for low moving mass. Long life silver lead wires. Low resonance frequency. Cast aluminium faceplate.

Impedance	4Ω (Re 3.0Ω)
Power	60Wrms
Sens.	93dB
Fs	600Hz
Coil	29mmØ
Code	SB29SDAC-C000-4

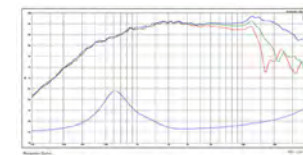


SB ACOUSTICS 1 1/4" RING TWEETER - SDNC

29MMØ RING DOME - NEODYMIUM - 72MMØ FACE PLATE

Large surround dome for increased acoustic output. CCAW voice coil for low moving mass. Long life silver lead wires. Low resonance frequency. Copper cap on pole piece for reduced voice coil inductance and minimum phase shift. Inherently shielded neodymium motor system. Internal pressure equalization and flow resistor for non-resonant coupling of cavities. Compact design.

Impedance	4Ω (Re 3.0Ω)
Power	80Wrms
Sens.	95.5dB
Fs	630Hz
Coil	29mmØ
Code	SB29SDNC-C000-4



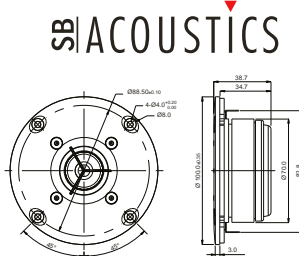
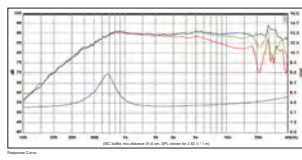
1" Dome Tweeters

SB ACOUSTICS 1" DOME TWEETER - ADC

ALUMINIUM DOME - TEXTILE SURROUND - PHASE SHIELD

The dome and surround has been designed to push the "break-up" to frequencies beyond the audible range. This tweeter has all the detail that a metal dome provides without the objectionable break-up. Phase optimized diaphragm design for coherent high frequency radiation. Copper cap and saturation controlled motor system for low distortion. Non-reflective rear chamber with optimized damping and flow optimized vented pole piece. CCAW voice coil. Silver lead wires. Low resonance frequency.

Impedance	4Ω (Re 3.2Ω)
Power	120Wrms
Sens.	90dB
Fs	680Hz
Coil	25.4mmØ
Code	SB26ADC-C000-4

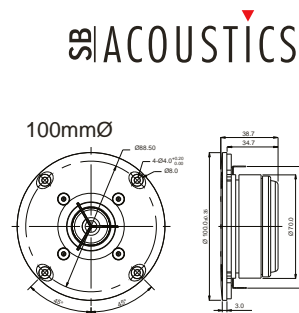
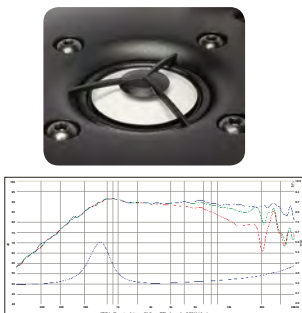


SB ACOUSTICS 1" TWEETER - AU CERAMIC CDC

CERAMIC COATED ALUMINIUM DOME

This tweeter combines the exceptional detail of a metal dome with the smoothness and non-fatiguing smooth characteristic of ceramic. Superb high-frequency extension. Copper cap for reduced voice coil inductance and minimum phase shift. Non-reflective rear chamber with optimized damping for improved dynamics. Flow optimized vented pole piece for optimum coupling to rear chamber. Saturation controlled motor system for low distortion. CCAW voice coil for low moving mass. Long life silver lead wires. Low resonance frequency.

Impedance	4Ω (Re 3.2Ω)
Power	120Wrms
Sens.	89dB
Fs	690Hz
Coil	25.4mmØ
Code	SB26CDC-C000-4

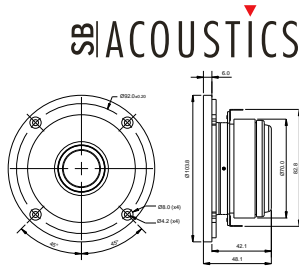
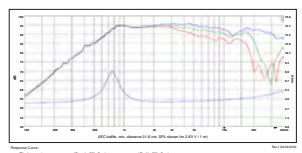


SB ACOUSTICS 1" DOME TWEETER WITH WAVE GUIDE - STWGC

ALUMINIUM WAVEGUIDE 93DB

- Solid aluminium waveguide for Controlled directivity
- Adaptor ring for bolt-less mounting to driver
- Copper cap for reduced voice coil inductance and minimum phase shift
- Non-reflective rear chamber with optimized damping for improved dynamics
- Flow optimized vented pole piece for optimum coupling to rear chamber
- Fine weave soft fabric dome for smooth frequency response
- Saturation controlled motor system for low distortion

Impedance	4Ω (Re 3.2Ω)
Power	120Wrms
Sens.	93dB
Fs	780Hz
Coil	25.4mmØ
Code	SB26STWGC-4

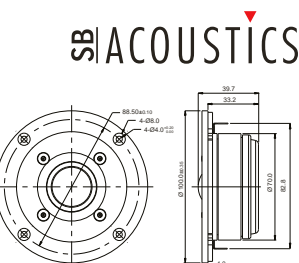
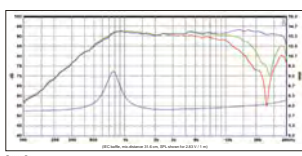


SB ACOUSTICS 1" DOME TWEETER - STAC

25MMØ SOFT DOME TEXTILE - 104MMØ ALUMINIUM FACE PLATE

Cast aluminium faceplate. Copper cap for reduced voice coil inductance and minimum phase shift. Non-reflective rear chamber with optimized damping for improved dynamics. Flow optimized vented pole piece for optimum coupling to the rear chamber. Fine weave soft fabric dome for smooth frequency response. Saturation controlled motor system for low distortion. CCAW voice coil for low moving mass. Long life silver lead wires. Low resonance frequency.

Impedance	4Ω (Re 3.2Ω)
Power	120Wrms
Sens.	91.5dB
Fs	750Hz
Coil	25.4mmØ
Code	SB26STAC-C000-4

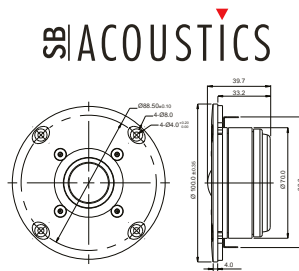
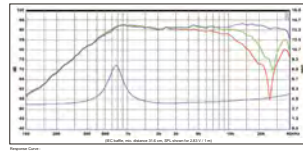


SB ACOUSTICS 1" DOME TWEETER - STC

25MMØ SOFT DOME TEXTILE - REAR CHAMBER

Copper cap for reduced voice coil inductance and minimum phase shift. Non-reflective rear chamber with optimized damping for improved dynamics. Flow optimized vented pole piece for optimum coupling to rear chamber. Fine weave soft fabric dome for smooth frequency response. Saturation controlled motor system for low distortion. CCAW voice coil for low moving mass. Long life silver lead wires. Low resonance frequency.

Impedance	4Ω (Re 3.2Ω)
Power	120Wrms
Sens.	91.5dB
Fs	750Hz
Coil	25.4mmØ
Code	SB26STC-C000-4

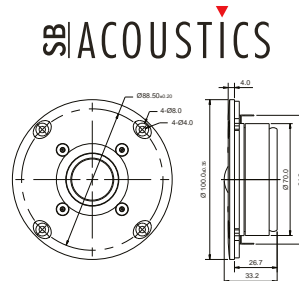
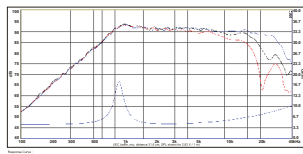


SB ACOUSTICS 1" DOME TWEETER - ST

25MMØ SOFT DOME TEXTILE - 104MMØ FACE PLATE

Optimized damping in pole cavity to eliminate internal reflection. Fine weave soft fabric dome for smooth frequency response. Saturation controlled motor system for reduced distortion. CCAW voice coil for low moving mass. Long life silver lead wires.

Impedance	4Ω (Re 4.4Ω)
Power	80Wrms
Sens.	91dB
Fs	870Hz
Coil	25.4mmØ
Code	SB26ST-C000-5

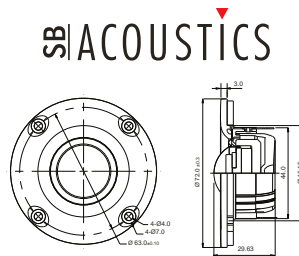
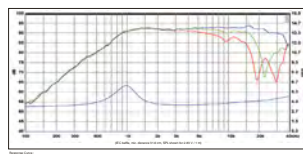


SB ACOUSTICS 1" DOME TWEETER - STCN

25MMØ TEXTILE - 72MMØ FACE PLATE - NEODYMIUM MAGNET

Copper cap on pole piece for reduced voice coil inductance and minimum phase shift. Fine weave soft fabric dome for smooth frequency response. Inherently shielded neodymium motor system. Internal pressure equalization and flow resistor for non-resonant coupling of cavities. Compact design. CCAW voice coil for low moving mass. Long life silver lead wires. Low resonance frequency.

Impedance	4Ω (Re 3.2Ω)
Power	120Wrms
Sens.	92.5dB
Fs	960Hz
Coil	25.4mmØ
Code	SB26STCN-C000-4



SB ACOUSTICS 1" ENCLOSED TWEETER - ST NEO

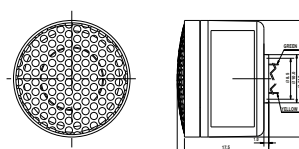
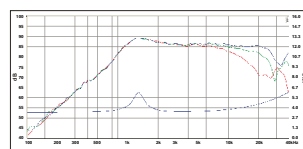
TEXTILE DOME NEODYMIUM 24MMØ SOLD IN SINGLES

Tiny 1" diameter module containing a half inch dome textile tweeter and neodymium magnet in a very compact package. Sold in singles.

Impedance	4Ω (Re 3.0Ω)
Fs	1300Hz
Sens.	87dB
Power	10Wrms
Coil	12.4mmØ
Code	SB14ST-C000-4



ACOUSTICS



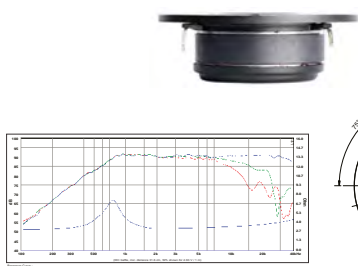
□ ¾" Dome Tweeters

SB ACOUSTICS ¾" RING TWEETER - RDC

20MMØ RING DOME TEXTILE - 92MMØ FACE PLATE

Non-resonant diaphragm design for minimum high frequency break-up. Dual balanced compression chamber for improved dynamics. Copper cap for reduced voice coil inductance and minimum phase shift. Saturation controlled motor system for low distortion. Non-reflective rear chamber with optimized damping for improved dynamics. Flow optimized vented pole piece for optimum coupling to rear chamber. CCAW voice coil for low moving mass. Long life silver lead wires. Low resonance frequency.

Impedance	4Ω (Re 3.1Ω)
Power	40Wrms
Sens.	90dB
Fs	760Hz
Coil	20.4mmØ
Qms	2.54
Qes	1.64
Qts	1
Code	SB21RDC-C000-4



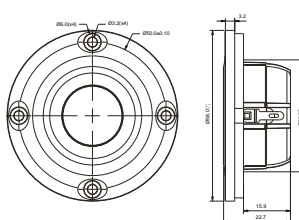
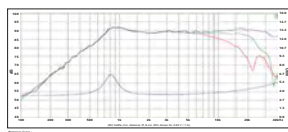
SB ACOUSTICS



SB ACOUSTICS ¾" RING DOME TWEETER - RDCN

- Non-resonant diaphragm design for minimum high frequency break-up
- Copper cap for reduced voice coil inductance and minimum phase shift
- Compact low distortion neodymium motor system
- Non-resonant rear chamber with optimized damping for improved dynamics
- CCAW voice coil for low moving mass
- Long life silver lead wires
- Low resonance frequency

Impedance	4Ω (Re 3.1Ω)
Fs	850Hz
Sens.	89.5dB
Power	40Wrms
Qms	2.71
Qes	2.45
Qts	1.28
Code	SB21RDCN-C000-4



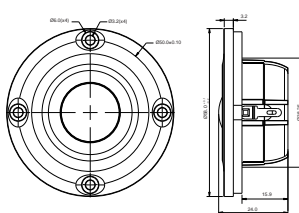
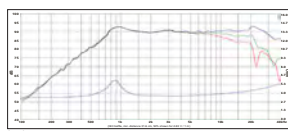
SB ACOUSTICS



SB ACOUSTICS ¾" DOME TWEETER - SDCN

- Large surround dome for increased acoustic output
- Copper cap for reduced voice coil inductance and minimum phase shift
- Compact low distortion neodymium motor system
- Non-resonant rear chamber with optimized damping for improved dynamics
- CCAW voice coil for low moving mass
- Long life silver lead wires
- Low resonance frequency

Impedance	4Ω (Re 3.1Ω)
Fs	850Hz
Sens.	90dB
Power	40Wrms
Qms	2.44
Qes	2.45
Qts	1.22
Code	SB21SDCN-C000-4



SB ACOUSTICS

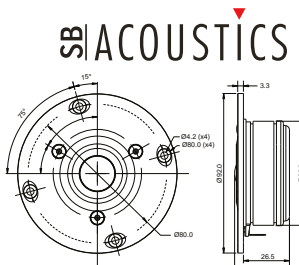
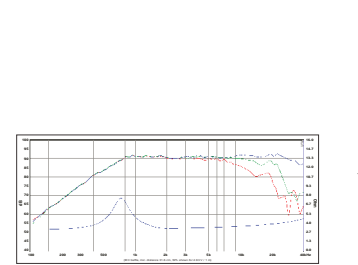


SB ACOUSTICS ¾" DOME TWEETER - SDC

20MMØ SOFT DOME TEXTILE - 92MMØ ACOUSTIC LIP

Large surround dome for increased acoustic output. Dual balanced compression chamber for improved dynamics. Copper cap for reduced voice coil inductance and minimum phase shift. Saturation controlled motor system for low distortion. Non-reflective rear chamber with optimized damping for improved dynamics. Flow optimized vented pole piece for optimum coupling to rear chamber. CCAW voice coil for low moving mass. Long life silver lead wires. Low resonance frequency.

Impedance	4Ω (Re 3.1Ω)
Power	40Wrms
Sens.	91dB
Fs	720Hz
Coil	20.4mmØ
Qms	2.41
Qes	1.55
Qts	0.95
Code	SB21SDC-C000-4



SB ACOUSTICS

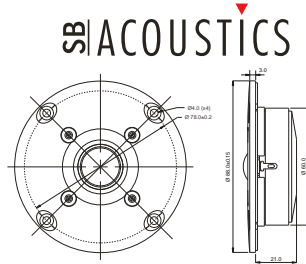
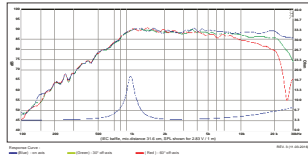


SB ACOUSTICS ¾" DOME TWEETER - ST

19MMØ SOFT DOME TEXTILE - 88MMØ FACE PLATE

Optimized damping in pole cavity to eliminate internal reflection.
Fine weave soft fabric dome for smooth frequency response.
Saturation controlled motor system for reduced distortion.
CCAW voice coil for low moving mass. Long life silver lead wires.

Impedance	4Ω (Re 3.4Ω)
Power	30Wrms
Sens.	88.5dB
Fs	980Hz
Coil	19.1mmØ
Code	SB19ST-C000-4



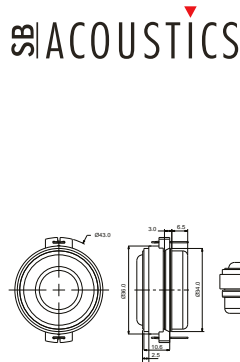
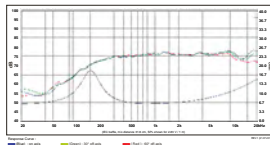
- Full Range

SB ACOUSTICS 1" FULL RANGE - WBAC

SUPER-COMPACT FULL RANGE ALUMINIUM CONE

Long stroke low damping surround. Vented low compression design.
Resonance and break-up control. Low resonance frequency.
Prepared for rear mounting. Long life silver lead wires.

Impedance	8Ω (Re 5.8Ω)	4Ω (Re 3.4Ω)
Fs	160Hz	200Hz
Sens.	75dB	77dB
Power	5Wrms	5Wrms
Qes	0.92	1.05
Qms	1.75	0.68
Qts	0.61	0.41
Vas	0.035L	0.021L
Code	SB36WBAC21-8	SB36WBAC21-4

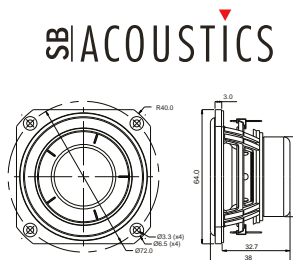
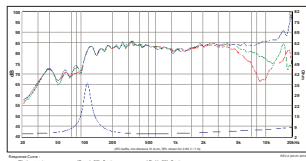


SB ACOUSTICS 2.5" FULL RANGE - WBAC

FULL RANGE ALUMINIUM CONE

Geometrically furrowed aluminium cone for extended usable frequency range. Copper cap for increased high frequency output, reduced phase shift at higher frequencies and improved power handling capability. Low damping surround and non-conductive voice coil former to ensure dynamics and an open/transparent sound character with excellent detailing/resolution. Linear neodymium motor system for reduced distortion. Vented voice coil former for reduced compression.

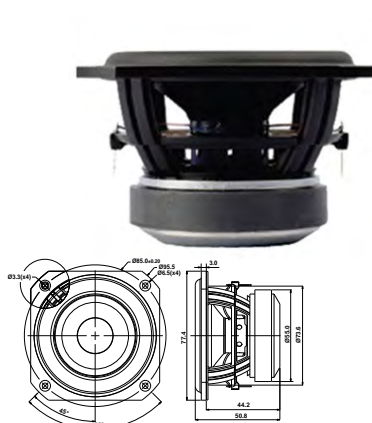
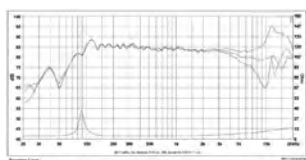
Impedance	4Ω (Re 3.0Ω)
Fs	115Hz
Power	20Wrms
Sens.	83.5dB
Qes	0.77
Qms	6
Qts	0.68
Vas	0.43L
Code	SB65WBC25-4



SB ACOUSTICS 3" FULL RANGE - PGC

- Low damping surround and non-conductive
- Voice coil former to ensure good dynamics
- Transparent sound character with fine detail.
- Vented voice coil for heat exchange and reduced compression.
- Light weight CCAW voice coil.
- Optimised fibre glass cone for smooth response.
- Compact square chassis for versatile integration.

Impedance	4Ω (Re 3.4Ω)
Power	20Wrms
Sens.	84dB
Fs	89Hz
Qms	11.2
Qes	1.01
Qts	0.92
Vas	1.2L
Code	SB10PGC21-4

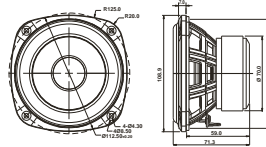
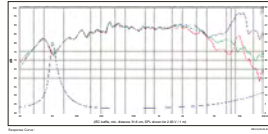


SB ACOUSTICS 4" MID-WOOFER - PFC

MINERAL REINFORCED POLY FRAME

Vented reinforced plastic chassis. Proprietary cone material with natural fibres made in-house. Butyl rubber surround for smooth frequency response. Vented motor system for low compression. Long stroke linear suspension for improved dynamics. Non-resonant long life lead wires.

Impedance	4Ω (Re 3.1Ω)	8Ω (Re 6.4Ω)
Power	30Wrms	30Wrms
Sens.	87.5dB	84.5dB
Fs	58Hz	64Hz
Qms	3.4	4.1
Qes	0.49	0.65
Qts	0.43	0.56
Vas	5.2L	4.3L
Code	SB12PFC25-4	SB12PFC25-8



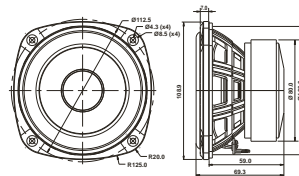
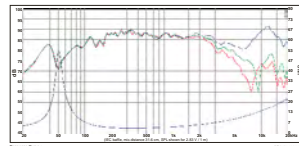
ACOUSTICS

SB ACOUSTICS 4" MID-WOOFER - PAC

POLY FRAME - ALUMINIUM CONE

Vented reinforced plastic chassis. Anodised aluminium cone. Low damping rubber surround. Large vented motor system. Long stroke linear suspension. Light weight CCAW voice coil. Non-conducting fibreglass coil former. Non-resonant long life lead wires.

Impedance	4Ω (Re 3.1Ω)
Fs	52.5Hz
Power	30Wrms
Sens.	87dB
Qms	5
Qes	0.33
Qts	0.31
Vas	5.3L
Diam.	100mmØ
Hole	102mmØ
Code	SB12PAC25-4



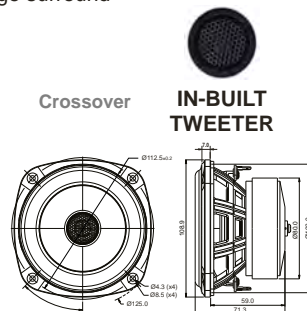
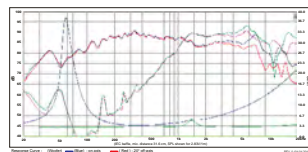
ACOUSTICS

SB ACOUSTICS 4" COAXIAL 2 WAY - PFC

2-WAY COAXIAL MID-WOOFER & TWEETER

Vented reinforced plastic chassis. Proprietary cone material with natural fibres made in-house. Soft low damping rubber surround for improved transient response. Optimized motor system. Non-resonant long life lead wires. Compact large surround dome tweeter built into the mid-woofer pole. Requires crossover.

Impedance	4Ω (Re 3.1Ω)
Fs	58Hz
Sens.	87dB
Power	30Wrms
Qes	0.36
Qms	4.07
Qts	0.33
Vas	4.8L
Code	SB12PFC25-4-COAX



ACOUSTICS

SB ACOUSTICS 4" PASSIVE RADIATOR - PFC

PAPER CONE

Vented reinforced plastic chassis. Anodised aluminium cone. Low damping rubber surround. Long stroke linear suspension. Easily adjustable moving mass.

Sd	50cm ²
Fs	34Hz
Cms	1.2mm/N
Mms	18.8g
Rms	0.32kg/s
Qms	12.5
Vas	4.2L
Weight	78g
Code	SB12PFC-00



ACOUSTICS

SB ACOUSTICS 4" PASSIVE RADIATOR - PAC

ALUMINIUM CONE

Vented reinforced plastic chassis. Anodised aluminium cone. Low damping rubber surround. Long stroke linear suspension. Easily adjustable moving mass.

Fs	33Hz
Cms	1.21mm/N
Rms	0.32kg/s
Mms	19.2g
Sd	50cm ²
Qms	12.4
Vas	4.3L
Code	SB12PAC25-00

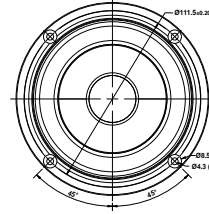
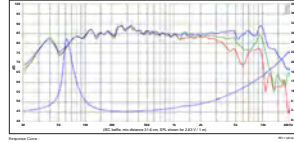


ACOUSTICS

SB ACOUSTICS 4" MID-WOOFER - PFCR

- Vented reinforced plastic chassis
- Proprietary cone material with natural fibres made in-house
- Butyl rubber surround for smooth frequency response
- Vented motor system for low compression
- Long stroke linear suspension for improved dynamics
- Non-resonant long life lead wires

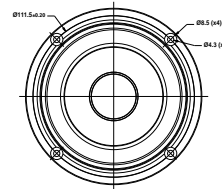
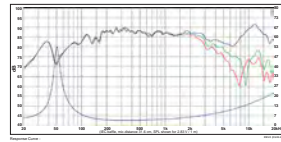
Impedance	4Ω (Re 3.1Ω)	8Ω (Re 6.4Ω)
Power	30Wrms	30Wrms
Sens.	87.5dB	84.5dB
Fs	58Hz	64Hz
Qms	3.4	4.1
Qes	0.49	0.65
Qts	0.43	0.56
Vas	5.2L	4.3L
Code	SB12PFCR25-4	SB12PFCR25-8



SB ACOUSTICS 4" MID-WOOFER - PACR

25mm Voice coil, aluminium cone, rubber surround, ferrite motor, square mounting injection chassis. Vented reinforced plastic chassis. Anodised aluminium cone. Low damping rubber surround. Large vented motor system. Long stroke linear suspension. Light weight CCAW voice coil. Non-conducting fibreglass coil former. Non-resonant long life lead wires.

Impedance	4Ω (Re 3.1Ω)
Power	30Wrms
Sens.	87dB
Fs	52.5Hz
Qms	5
Qes	0.33
Qts	0.31
Vas	5.3L
Code	SB12PACR25-4



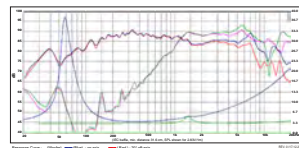
NEW Coaxial version is available, see the next page...

SB ACOUSTICS 4" COAXIAL 2 WAY - PFCR

PAPER MID-WOOFER + FABRIC DOME TWEETER

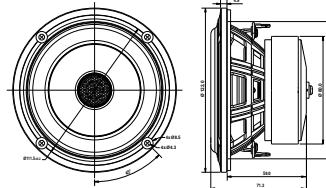
25mm Voice coil, paper cone, rubber surround, ferrite motor, round mounting injection chassis, coaxial midwoofer. Vented reinforced plastic chassis. Proprietary cone material with natural fibres made in-house. Soft low damping rubber surround for improved transient response. Optimized motor system. Non-resonant long life lead wires. Compact large surround dome tweeter.

Impedance	4Ω (Re 3.1Ω)
Power	30Wrms
Sens.	87dB
Fs	58Hz
Qms	4.07
Qes	0.36
Qts	0.33
Vas	4.8L
Code	SB12PFCR25-4-COAX



Crossover

**IN-BUILT
TWEETER**



SB ACOUSTICS 4" PASSIVE RADIATOR - PFCR

4" Passive radiator with paper cone, rubber surround, square mounting injection chassis. Vented reinforced plastic chassis. Proprietary cone material with natural fibres made in-house. Low damping rubber surround. Long stroke linear suspension. Easily adjustable moving mass.

Sd	50cm ²
Fs	34Hz
Cms	1.2mm/N
Mms	18.8g
Rms	0.32kg/s
Qms	12.5
Vas	4.2L
Weight	83g
Code	SB12PFCR-00



SB ACOUSTICS 4" PASSIVE RADIATOR - PACR

Passive radiator with aluminium cone, rubber surround, square mounting injection chassis. Vented reinforced plastic chassis. Anodised aluminium cone. Low damping rubber surround. Long stroke linear suspension. Easily adjustable moving mass.

Sd	50cm ²
Fs	33Hz
Cms	1.21mm/N
Mms	19.2g
Rms	0.32kg/s
Qms	12.4
Vas	4.3L
Code	SB12PACR-00

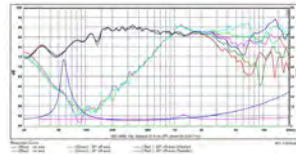


SB ACOUSTICS 4" COAXIAL 2-WAY - PACR

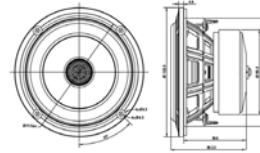
ALUMINIUM MID-WOOFER + FABRIC DOME TWEETER

Vented reinforced plastic chassis, aluminium cone, rubber surround. Large motor system. Long stroke linear suspension. Light weight CCAW coil on a Non-conducting fibreglass former. Non-resonant long life lead wires. Coaxial mounted dome tweeter. Requires crossover.

Impedance	4Ω (Re 3.1Ω)
Fs	1300Hz
Power	30Wrms
Sens.	87.5dB
Qms	4.84
Qes	0.38
Qts	0.35
Vas	4.3L
Code	SB12PACR25-4-COAX



Crossover



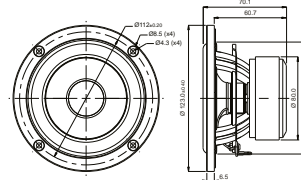
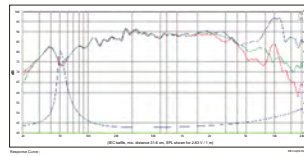
IN-BUILT
TWEETER

SB ACOUSTICS 4" MID-WOOFER - CACS

CERAMIC CONE

Vented cast aluminium chassis for optimum strength and low compression. Ceramic cone. Soft low damping rubber surround for improved transient response. Shorting ring in motor system for reduced distortion. Non-conducting fibre glass voice coil former for minimum damping. CCAW voice coil for reduced moving mass. Long life silver lead wires. Vented pole piece for reduced compression.

Impedance	4Ω (Re 3.1Ω)	8Ω (Re 6.4Ω)
Fs	51Hz	51Hz
Sens.	88dB	85.5dB
Power	30Wrms	30Wrms
Qms	4.89	0.4
Qes	0.33	4.85
Qts	0.31	0.37
Vas	5.7L	6.5L
Code	SB12CAC25-4	SB12CAC25-8

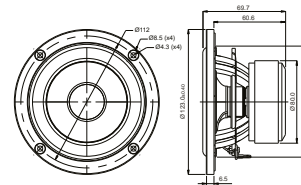
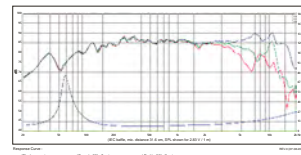


SB ACOUSTICS 4" MID-WOOFER - NRX

NOREX FIBRE CONE BUTYL RUBBER SURROUND

Proprietary cone material with natural fibres made in-house. High damping Butyl rubber surround. Vented pole piece for reduced compression. Vented cast aluminium chassis for optimum strength and low compression. CCAW voice coil for reduced moving mass. Long life silver lead wires. Non-conducting fibre glass coil former for minimum damping.

Impedance	4Ω (Re 3.1Ω)	8Ω (Re 6.4Ω)
Fs	55Hz	57Hz
Sens.	87.5dB	85.5dB
Power	30Wrms	30Wrms
Qms	3.2	4.1
Qes	0.46	0.41
Qts	0.4	0.37
Vas	5.6L	5.3L
Code	SB12NRX25-4	SB12NRX25-8

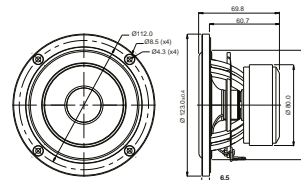
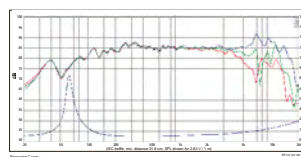


SB ACOUSTICS 4" MID-WOOFER - NRXF

NOREX FIBRE CONE FOAM SURROUND

Proprietary cone material with natural fibres made in-house. Foam surround for maximum transparency and midrange resolution. Vented pole piece for reduced compression. Vented cast aluminium chassis for optimum strength and low compression. CCAW voice coil for reduced moving mass. Long life silver lead wires. Non-conducting fibre glass coil former for minimum damping.

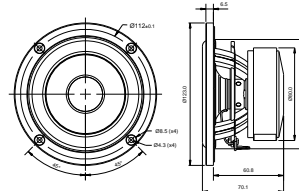
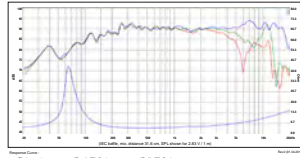
Impedance	4Ω (Re 3.1Ω)	8Ω (Re 6.4Ω)
Fs	61Hz	63Hz
Sens.	87dB	85dB
Power	30Wrms	30Wrms
Qms	5.3	5.4
Qes	0.53	0.46
Qts	0.48	0.42
Vas	4.1L	4.2L
Code	SB12NRXF25-4	SB12NRXF25-8



SB ACOUSTICS 4" MIDRANGE - MNRX-II

- Proprietary cone material with natural fibres made in-house
- Shortened voice coil optimised for pure midrange reproduction
- High damping Butyl rubber surround for non-resonant sound character
- Vented pole piece for reduced compression
- Vented cast aluminium chassis for optimum strength and low compression
- CCAW voice coil for reduced moving mass

Impedance	4Ω (Re 3.2Ω)
Power	50Wrms
Sens.	90.5dB
Fs	63.5Hz
Qms	4.19
Qes	0.35
Qts	0.32
Vas	5.3L
Code	SB12MNRX2-25-4

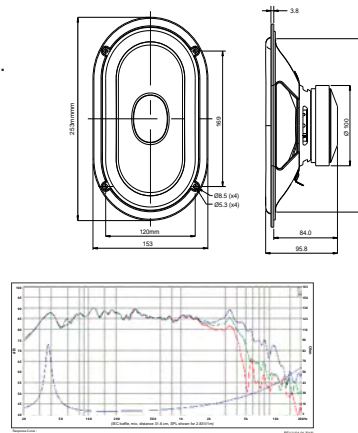


SB ACOUSTICS 5X8" OVAL - SFCR

LARGE OVAL MID-WOOFER - FRAME 253x153mm

The SB Acoustics SB15SFCR39 is a unique 5x8 inch 'racetrack' style midwoofer featuring a robust vented steel chassis and a hard paper cone. This driver has that lovely warm, fast paper cone sound with good bass weight. Ideal for tall slim cabinets. A unique design for a little difference and more surface area in a smaller cabinet. Passive radiator available.

Impedance	4Ω (Re 3.5Ω)	8Ω (Re 6.2Ω)
Power	80Wrms	80Wrms
Sens.	90dB	87dB
Fs	31Hz	32Hz
Qms	6.57	7.11
Qes	0.34	0.45
Qts	0.32	0.42
Vas	49.9L	48.3L
Code	SB15SFCR39-4	SB15SFCR39-8

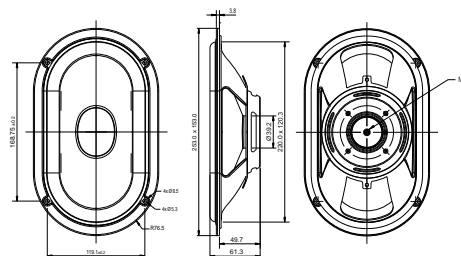


SB ACOUSTICS 5X8" PASSIVE RADIATOR OVAL - SFCR

Designed to match the new SB15SFCR390-8 5"x 8" paper cone woofer

- Racetrack design
- Hard paper cone (made in-house)
- Low damping rubber surround
- Symmetric suspension
- Easily adjustable moving mass
- Threaded M6 bolt-holes to easily add mass

Sd	178cm ²
Fs	21Hz
Cms	0.93mm/N
Mms	62g
Rms	0.48kg/s
Qms	2.7
Vas	41.8L
Weight	282g
Code	SB15SFCR-00

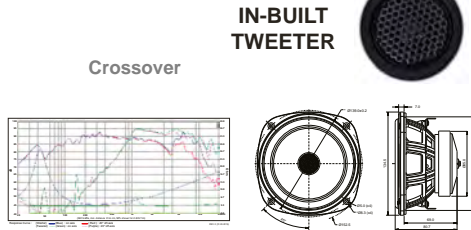


SB ACOUSTICS 5" MID-WOOFER - PFC COAXIAL

2-WAY COAXIAL MID-WOOFER & TWEETER

Vented reinforced plastic chassis. Proprietary cone material with natural fibres made in-house. Soft low damping rubber surround for improved transient response. Optimized motor system. Non-resonant long life lead wires. Compact large surround dome tweeter. Requires an external crossover typically 3KHz 12dB/Oct

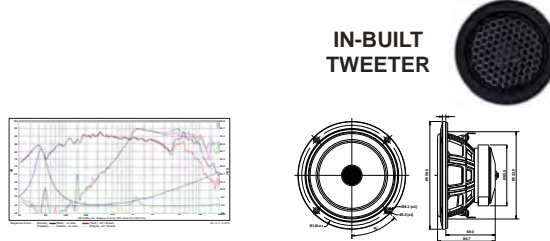
Impedance	4Ω (Re 3.2Ω)
Fs	43Hz
Sens.	90dB
Power	40Wrms
Qms	2.26
Qes	0.3
Qts	0.27
Vas	14.4L
Code	SB13PFC25-4-COAX



SB ACOUSTICS 5" MID-WOOFER - PFCR COAXIAL

25mm Voice coil, paper cone, rubber surround, ferrite motor, round mounting injection chassis, coaxial midwoofer. Vented reinforced plastic chassis. Proprietary cone material with natural fibres made in-house. Soft low damping rubber surround for improved transient response. Optimised motor system. Non-resonant long life lead wires. Compact large surround dome tweeter.

Sd	82cm ²
Fs	43Hz
Cms	1.51mm/N
Mms	9.1g
Rms	1.1kg/s
Qms	2.26
Vas	14.4L
Code	SB13PFCR25-4-COAX

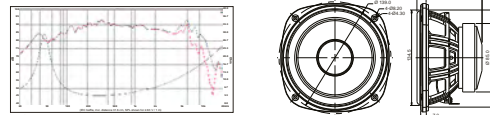


SB ACOUSTICS 5" MID-WOOFER - PFC

MINERAL REINFORCED PLASTIC FRAME

Vented reinforced plastic chassis. Proprietary cone material with natural fibres made in-house. Soft low damping rubber surround for improved transient response. Optimized motor system. Vented coil former for low compression. Non-resonant long life lead wires.

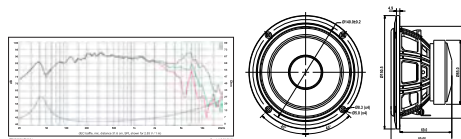
Impedance	4Ω (Re 3.2Ω)	8Ω (Re 5.0Ω)
Fs	44Hz	45Hz
Sens.	89dB	87dB
Power	40Wrms	40Wrms
Qms	2.6	2.2
Qes	0.33	0.39
Qts	0.29	0.33
Vas	13.4L	13.4L
Code	SB13PFC25-4	SB13PFC25-8



SB ACOUSTICS 5" MID-WOOFER - PFCR

- Vented reinforced plastic chassis
- Proprietary cone material with natural fibres made in-house
- Soft low damping rubber surround for improved transient response
- Optimized motor system

Impedance	4Ω (Re 3.2Ω)	8Ω (Re 5.0Ω)
Power	40Wrms	40Wrms
Sens.	89dB	87dB
Fs	44Hz	45Hz
Qms	2.6	2.2
Qes	0.33	0.39
Qts	0.29	0.33
Vas	13.4L	13.4L
Code	SB13PFCR25-4	SB13PFCR25-8



SB ACOUSTICS 5" PASSIVE RADIATOR - PFCR

PFCR Series version of the passive radiator (No motor) for cabinet bass tuning. Reinforced plastic chassis with natural fibre cone material and damped rubber surround.

Fs	23Hz
Weight	136g
Code	SB13PFCR-00

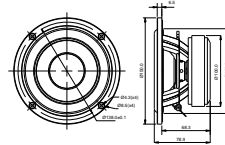
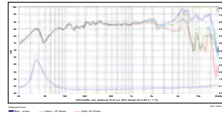
ACOUSTICS



SB ACOUSTICS 5" MID-WOOFER - CARBON FIBRE CRC

- Rohacell®/Carbon fibre sandwich cone for optimised stiffness/damping ratio
- Vented cast aluminium chassis for optimum strength and low compression
- Low damping rubber surround for improved transient response
- Non-conducting fibre glass voice coil former for minimum damping
- Extended copper sleeve on pole piece for low inductance and low distortion
- CCAW voice coil for reduced moving mass and Long life silver lead wires

Impedance	4Ω (Re 3.1Ω)	8Ω (Re 5.9Ω)
Power	50Wrms	50Wrms
Sens.	88.5dB	86dB
Fs	37Hz	40Hz
Qms	3.39	3.52
Qes	0.36	0.46
Qts	0.32	0.41
Vas	17.3L	14.9L
Code	SB15CRC30-4	SB15CRC30-8



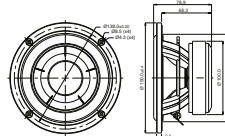
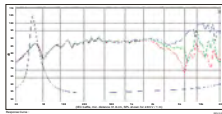
ACOUSTICS

SB ACOUSTICS 5" MID-WOOFER - CERAMIC CAC

CERAMIC CONE

Vented cast aluminium chassis for optimum strength and low compression. Geometrically reinforced ceramic cone for optimum piston operation and reduced break-up. Soft low damping rubber surround for improved transient response. Non-conducting fibre glass voice coil former for minimum damping. Extended copper sleeve on pole piece for low inductance and low distortion. CCAW voice coil for reduced moving mass. Long life silver lead wires. Vented pole piece for reduced compression.

Impedance	4Ω (Re 3.1Ω)	8Ω (Re 5.7Ω)
Fs	32.5Hz	35.5Hz
Sens.	88dB	86dB
Power	50Wrms	50Wrms
Qes	0.34	0.42
Qms	4.61	4.77
Qts	0.31	0.38
Vas	20.2L	17.9L
Code	SB15CAC30-4	SB15CAC30-8

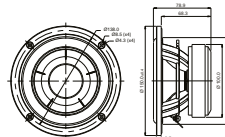
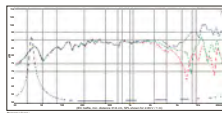


SB ACOUSTICS 5" MID-WOOFER - ALUMINIUM NAC

ALUMINIUM CHASSIS - ALUMINIUM CONE

Vented cast aluminium chassis for optimum strength and low compression. Geometrically reinforced aluminium cone for optimum piston operation and reduced break-up. Soft low damping rubber surround for improved transient response. Non-conducting fibre glass voice coil former for minimum damping. CCAW voice coil for reduced moving mass. Long life silver lead wires.

Impedance	4Ω (Re 3.1Ω)	8Ω (Re 5.7Ω)
Fs	35Hz	35.5Hz
Sens.	88.5dB	85.5dB
Power	50Wrms	50Wrms
Qms	5.65	6
Qes	0.32	0.39
Qts	0.3	0.37
Vas	18.3L	17.7L
Code	SB15NAC30-4	SB15NAC30-8



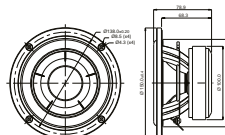
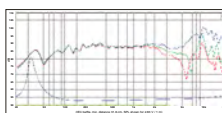
ACOUSTICS

SB ACOUSTICS 5" MID-WOOFER - ALUMINIUM NBAC

ALUMINIUM CHASSIS - ALUMINIUM CONE BLACK

Vented cast aluminium chassis for optimum strength and low compression. Geometrically reinforced aluminium cone for optimum piston operation and reduced break-up. Soft low damping rubber surround for improved transient response. Non-conducting fibre glass voice coil former for minimum damping. Extended copper sleeve on pole piece for low inductance and low distortion. CCAW voice coil for reduced moving mass. Long life silver lead wires. Vented pole piece for reduced compression.

Impedance	4Ω (Re 3.1Ω)	8Ω (Re 5.7Ω)
Fs	33Hz	35.5Hz
Sens.	88dB	85.5dB
Power	50Wrms	50Wrms
Qms	4.4	4.22
Qes	0.31	0.41
Qts	0.29	0.37
Vas	21L	17L
Code	SB15NBAC30-4	SB15NBAC30-8



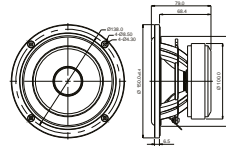
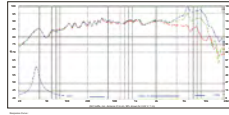
ACOUSTICS

SB ACOUSTICS 5" MID-WOOFER - MFC

ALUMINIUM CHASSIS - POLYPROPYLENE CONE

Vented cast aluminium chassis for optimum strength and low compression. Unique mineral filled polypropylene cone material, made in-house. Soft low damping rubber surround for improved transient response. Non-conducting fibre glass CCAW voice coil former and extended copper sleeve on pole piece for low inductance and low distortion. Long life silver lead wires. Vented pole piece for reduced compression.

Impedance	4Ω (Re 3.1Ω)	8Ω (Re 5.7Ω)
Fs	35.5Hz	39Hz
Sens.	90dB	87dB
Power	50Wrms	50Wrms
Qms	5.26	4.4
Qes	0.3	0.4
Qts	0.28	0.37
Vas	19.4L	17.7L
Code	SB15MFC30-4	SB15MFC30-8



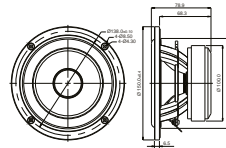
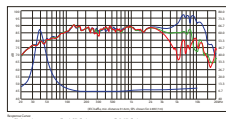
ACOUSTICS

SB ACOUSTICS 5" MID-WOOFER - NRXC

ALUMINIUM CHASSIS - PAPYRUS CONE COATED OR UNCOATED

Proprietary cone material with natural fibres made in-house with an optional thin polyurethane protection coating. Low damping SBR rubber surround with high exertion and resilience. Open structure cast frame for reduced reflections and compression. Aluminium alloy for light weight, non-magnetic and extra rigidity. Shorting Copper cap on pole piece. Non-inductive CCAW fibre glass 30mm coil former. Silver lead wires. Vented pole piece.

Impedance	8Ω (Re 5.7Ω)	8Ω (Re 5.7Ω)
Fs	38Hz	38Hz
Sens.	88dB	88dB
Power	50Wrms	50Wrms
Qms	4.8	4.8
Qes	0.35	0.35
Qts	0.33	0.33
Vas	20.7L	20.7L
Materials	Coated	Uncoated
Code	SB15NRXC30-8	SB15NRXC30-8-UC



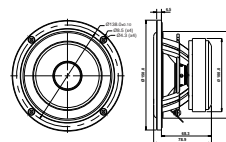
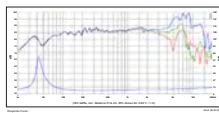
ACOUSTICS

SB ACOUSTICS 5" MID-WOOFER - NRX2

30mm Voice coil, Norex paper cone. Low damping SBR rubber surround with high exertion and resilience. Open structure cast frame for reduced reflections and compression. Aluminium alloy for light weight, non-magnetic and extra rigidity. Shorting Copper cap on pole piece. Non-inductive CCAW fibre glass 30mm coil former. Silver lead wires. Vented pole piece. Available in 4 or 8Ω version.

- Vented cast aluminium chassis for optimum strength and low compression
- Norex® proprietary cone material with natural fibres made in-house
- Soft low damping rubber surround for improved transient response
- Non-conducting fibre glass voice coil former for minimum damping
- Extended copper sleeve on pole piece for low inductance and low distortion
- CCAW voice coil for reduced moving mass
- Long life silver lead wires

Impedance	4Ω (Re 3.1Ω)	8Ω (Re 5.9Ω)
Power	50Wrms	50Wrms
Sens.	89.5dB	86.5dB
Fs	34.5Hz	36.5Hz
Qms	3.58	3.48
Qes	0.3	0.37
Qts	0.28	0.34
Vas	20.5L	20L
Code	SB15NRX2C30-4	SB15NRX2C30-8



ACOUSTICS

NRX2 represents the latest iteration of the NRX Series of speaker drivers. The NRX line features proprietary paper cone drivers known as "Norex," developed by SB Acoustics. During the evolution of newer generation drivers utilizing various cone materials such as carbon fiber, polypropylene, aluminum, and ceramic, significant enhancements were also made to the suspension system, damping, voice coil, and coil former. Each new generation has introduced a range of subtle refinements that have accumulated over the years. The NRX2 leverages insights gained from this extensive development, presenting a new yet familiar driver series. It offers improved detail, openness, dynamics, and reduced distortion. In most instances, NRX and NRX2 can be interchanged without requiring any modifications to the crossover.

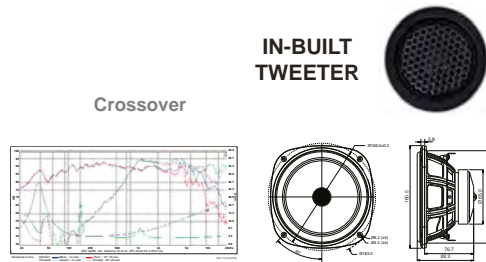


SB ACOUSTICS 6" MID-WOOFER - PFC COAXIAL

TWEETER AND WOOFER TWO-WAY

Vented reinforced plastic chassis. Proprietary cone material with natural fibres made in-house. Soft low damping rubber surround for improved transient response. Optimized motor system. Non-resonant long life lead wires. Compact large surround dome tweeter.

Impedance	4Ω (Re 3.2Ω)
Power	40Wrms
Sens.	90dB
Fs	36Hz
Qms	2.6
Qes	0.35
Qts	0.31
Vas	31.3L
Code	SB16PFC25-4-COAX

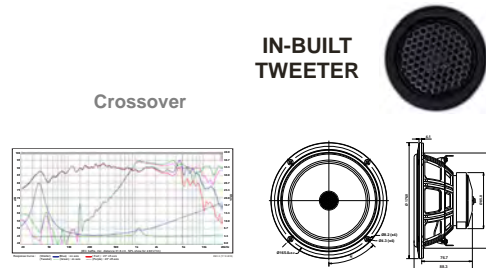


ACOUSTICS

SB ACOUSTICS 6.5" MID-WOOFER - PFCR COAXIAL

25mm Voice coil, paper cone, rubber surround, ferrite motor, round mounting injection chassis, coaxial mid-woofer. Vented reinforced plastic chassis. Proprietary cone material with natural fibres made in-house. Soft low damping rubber surround for improved transient response. Optimised motor system. Non-resonant long life lead wires. Compact large surround dome tweeter..

Impedance	4Ω (Re 3.2Ω)
Power	40Wrms
Sens.	90dB
Fs	36Hz
Qms	2.6
Qes	0.35
Qts	0.31
Vas	31.3L
Code	SB16PFCR25-4-COAX



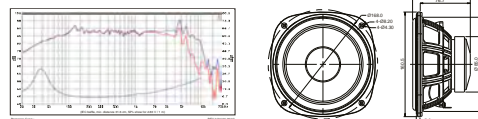
ACOUSTICS

SB ACOUSTICS 6" MID-WOOFER - PFC

MINERAL REINFORCED PLASTIC FRAME

Vented reinforced plastic chassis. Proprietary cone material with natural fibres made in-house. Soft low damping rubber surround for improved transient response. Optimized motor system. Vented coil former for low compression. Non-resonant long life lead wires.

Impedance	4Ω (Re 3.2Ω)	8Ω (Re 5.0Ω)
Fs	35Hz	38Hz
Sens.	89.5dB	87dB
Power	40Wrms	40Wrms
Qms	2.76	2.5
Qes	0.39	0.48
Qts	0.34	0.4
Vas	32.7L	27L
Code	SB16PFC25-4	SB16PFC25-8

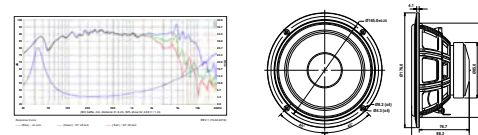


ACOUSTICS

SB ACOUSTICS 6.5" MID-WOOFER - PFCR

- Vented reinforced plastic chassis with a round outer frame
- Proprietary cone material with natural fibres made in-house
- Soft low damping rubber surround for improved transient response
- Optimised motor system
- Vented coil former for low compression

Impedance	4Ω (Re 3.2Ω)	8Ω (Re 5.0Ω)
Power	40Wrms	40Wrms
Sens.	89.5dB	87dB
Fs	35Hz	38Hz
Qms	2.76	2.5
Qes	0.39	0.48
Qts	0.34	0.4
Vas	32.7L	27L
Code	SB16PFCR25-4	SB16PFCR25-8



ACOUSTICS

SB ACOUSTICS 6.5" PASSIVE RADIATOR - PFCR

PFCR (Round) Series version of the passive radiator (No motor) for cabinet bass tuning. Reinforced plastic chassis with natural fibre cone material and damped rubber surround.

Fs	22Hz
Weight	169g
Code	SB16PFCR-00

ACOUSTICS



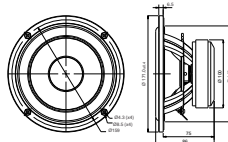
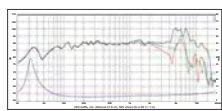
SB ACOUSTICS 6.5" MID-WOOFER - CARBON FIBRE CRC

WOVEN CARBON FIBRE & ROHACELL®

Rohacell® carbon fibre sandwich cone for optimised stiffness to damping ratio. Vented cast aluminium chassis for optimum strength and low compression. Low damping rubber surround for improved transient response. Non-conducting fibre glass voice coil former for minimum damping. Extended copper sleeve on pole piece for low inductance and low distortion. CCAW voice coil for reduced moving mass. Long life silver lead wires. Vented pole piece for reduced compression.

Impedance	4Ω (Re 3.1Ω)	8Ω (Re 5.7Ω)
Fs	31.5Hz	28Hz
Sens.	90dB	87dB
Power	60Wrms	60Wrms
Qms	4.32	3.9
Qes	0.35	0.37
Qts	0.32	0.34
Vas	35.5L	48L
Code	SB17CRC35-4	SB17CRC35-8

ACOUSTICS

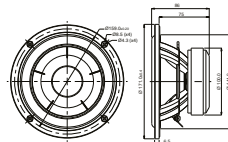
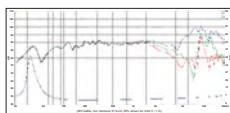


SB ACOUSTICS 6.5" MID-WOOFER - CERAMIC CAC

CERAMIC CONE WHITE

Vented cast aluminium chassis for optimum strength and low compression. Geometrically reinforced ceramic cone for optimum piston operation and reduced break-up. Soft low damping rubber surround for improved transient response. Non-conducting fibre glass voice coil former for minimum damping. Extended copper sleeve on pole piece for low inductance and low distortion. CCAW voice coil for reduced moving mass. Long life silver lead wires. Vented pole piece for reduced compression.

Impedance	4Ω (Re 3.1Ω)	8Ω (Re 5.7Ω)
Fs	29.5Hz	28Hz
Sens.	90dB	86.5dB
Power	60Wrms	60Wrms
Qes	0.31	0.4
Qms	4.7	4.46
Qts	0.29	0.36
Vas	37.8L	42L
Code	SB17CAC35-4	SB17CAC35-8



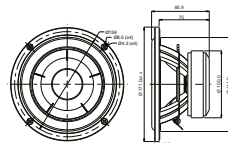
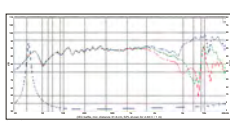
SB ACOUSTICS 6.5" MID-WOOFER - ALUMINIUM NAC

ALUMINIUM CHASSIS - ALUMINIUM CONE

Vented cast aluminium chassis for optimum strength and low compression. Geometrically reinforced aluminium cone for optimum piston operation and reduced break-up. Soft low damping rubber surround for improved transient response. Non-conducting fibre glass voice coil former for minimum damping. Extended copper sleeve on pole piece for low inductance and low distortion. CCAW voice coil for reduced moving mass. Long life silver lead wires. Vented pole piece for reduced compression.

Impedance	4Ω (Re 3.1Ω)	8Ω (Re 5.7Ω)
Fs	32Hz	31.5Hz
Sens.	90dB	86.5dB
Power	60Wrms	60Wrms
Qes	0.34	6
Qms	5.95	0.45
Qts	0.32	0.42
Vas	33L	33L
Code	SB17NAC35-4	SB17NAC35-8

ACOUSTICS



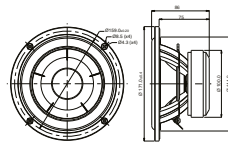
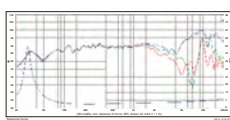
SB ACOUSTICS 6.5" MID-WOOFER - ALUMINIUM NBAC

ALUMINIUM CHASSIS - ALUMINIUM CONE BLACK

Vented cast aluminium chassis for optimum strength and low compression. Geometrically reinforced aluminium cone for optimum piston operation and reduced break-up. Soft low damping rubber surround for improved transient response. Non-conducting fibre glass voice coil former for minimum damping. Extended copper sleeve on pole piece for low inductance and low distortion. CCAW voice coil for reduced moving mass. Long life silver lead wires. Vented pole piece for reduced compression.

Impedance	4Ω (Re 3.1Ω)	8Ω (Re 5.7Ω)
Fs	30Hz	31.5Hz
Sens.	90dB	86.5dB
Power	60Wrms	60Wrms
Qms	4.3	4.1
Qes	0.31	0.38
Qts	0.29	0.35
Vas	42.6L	45L
Code	SB17NBAC35-4	SB17NBAC35-8

ACOUSTICS

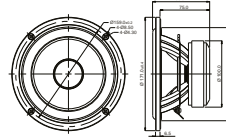
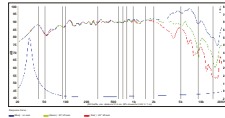


SB ACOUSTICS 6.5" MID-WOOFER - MFC

ALUMINIUM CHASSIS - POLYPROPYLENE CONE

Vented cast aluminium chassis for optimum strength and low compression. Mineral filled strengthened Poly-cone made in-house. Soft low damping rubber surround for improved transient response. Non-conducting fibre glass voice coil former for minimum damping. Extended copper sleeve on pole piece for low inductance and low distortion. CCAW voice coil for reduced moving mass. Vented pole piece for reduced compression.

Impedance	4Ω (Re 3.1Ω)	8Ω (Re 5.7Ω)
Fs	30Hz	33Hz
Sens.	90dB	88dB
Power	60Wrms	60Wrms
Qms	5.2	4.9
Qes	0.3	0.4
Qts	0.28	0.37
Vas	45L	39L
Code	SB17MFC35-4	SB17MFC35-8



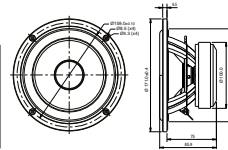
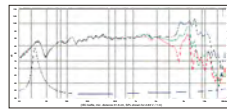
ACOUSTICS

SB ACOUSTICS 6.5" MID-WOOFER - NRXC-II

ALUMINIUM CHASSIS - POPYRUS CONE COATED

Newly developed Norex non-resonant poly-coated fibre cone. Low damping SBR rubber surround with high exertion and resilience. Open structure cast frame for reduced reflections and compression. Aluminium alloy for light weight, non-magnetic and extra rigidity. Shorting Copper cap on pole piece. Non-inductive CCAW fibre glass 30mm coil former. Silver lead wires. Vented pole piece.

Impedance	4Ω (Re 3.1Ω)	8Ω (Re 5.7Ω)
Fs	34Hz	35Hz
Sens.	90dB	87dB
Power	50Wrms	50Wrms
Qms	4.74	4.6
Qes	0.34	0.45
Qts	0.32	0.41
Vas	31.8L	28.7L
Materials	Norex Paper Cone	Norex Paper Cone
Code	SB17NRX2C35-4	SB17NRX2C35-8

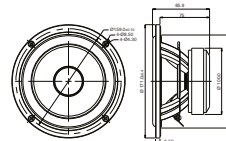
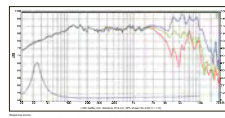


ACOUSTICS

SB ACOUSTICS 6.5" MID-WOOFER - NRXC UNCOATED

- Vented cast aluminium chassis for optimum strength and low compression
- Proprietary cone material with natural fibres made in-house
- Soft low damping rubber surround for transient response
- Non-conducting fibre glass voice coil former for minimum damping
- Extended copper sleeve on pole piece for low inductance and low distortion

Impedance	8Ω (Re 5.7Ω)
Fs	32Hz
Sens.	89dB
Power	60Wrms
Qms	5.0
Qes	0.36
Qts	0.34
Vas	44.5L
Materials	Uncoated
Code	SB17NRXC35-8-UC



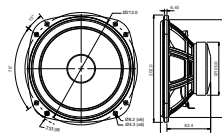
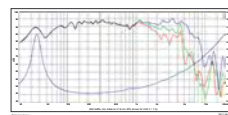
ACOUSTICS

SB ACOUSTICS 8" WOOFER - PFC

MINERAL REINFORCED PLASTIC FRAME

Vented reinforced plastic chassis. Proprietary cone material with natural fibres made in-house. Soft low damping rubber surround for improved transient response. Optimized motor system. Vented coil former for low compression. Non-resonant long life lead wires.

Impedance	4Ω (Re 3.4Ω)	8Ω (Re 5.0Ω)
Fs	33.7Hz	34Hz
Sens.	92.5dB	90.5dB
Power	50Wrms	50Wrms
Qms	2.78	2.66
Qes	0.37	0.43
Qts	0.33	0.37
Vas	66.2L	66.2L
Code	SB20PFC30-4	SB20PFC30-8



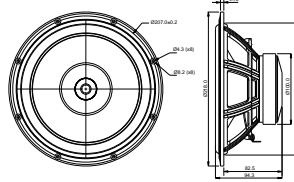
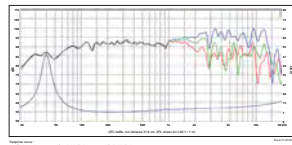
ACOUSTICS

SB ACOUSTICS 8" FULL RANGE - FRPC

Using a proprietary paper blend cone made in-house this woofer delivers good mid/bass response, extended by the use of a optimized "whizzer" cone. This is supplemented by the use of a phase cone to better radiate the high frequency output.

- Proprietary cone material with natural fibres made in-house.
- Light weight foam surround.
- Optimised whizzer cone for smooth high frequency extension.
- Phase plug for controlled radiation.
- Large spider for improved linearity.
- Optimised motor system.
- Vented reinforced plastic chassis.
- Extended copper sleeve on pole piece.
- Non-conductive coil former.
- Long life lead wires.

Impedance	8Ω (Re 5.6Ω)
Fs	39Hz
Power	50Wrms
Sens.	92dB
Qms	3.26
Qes	0.45
Qts	0.4
Vas	73.2L
Diam.	218mmØ
Hole	187mmØ
Depth	82.5mm
Code	SB20FRPC30-8



ACOUSTICS
NEW Full-Range.

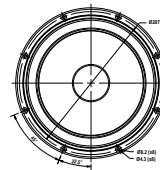
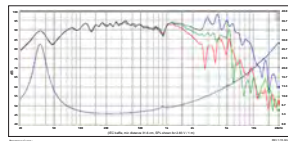
SB ACOUSTICS 8" WOOFER - PFCR

ROUND PLASTIC CHASSIS

This 8" Norex fibre paper cone woofer is a great value for this build quality and performance. The specifications make it a good choice for many different enclosure types. An extended and smooth frequency response suggests simple crossovers, even none at all.

- Vented reinforced plastic chassis
- Proprietary cone material with natural fibres made in-house
- Soft low damping rubber surround for improved transient response

Impedance	4Ω (Re 3.4Ω)	8Ω (Re 5.0Ω)
Fs	34Hz	34Hz
Sens.	92.5dB	90.5dB
Power	50Wrms	50Wrms
Qms	2.78	2.66
Qes	0.37	0.43
Qts	0.33	0.37
Vas	66.2L	66.2L
Code	SB20PFCR30-4	SB20PFCR30-8

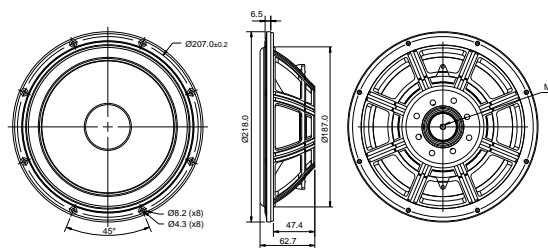


ACOUSTICS

SB ACOUSTICS 8" PASSIVE RADIATOR - PFCR

8" Passive radiator with paper cone, rubber surround, square mounting injection chassis. Vented reinforced plastic chassis. Proprietary cone material with natural fibres made in-house. Soft low damping rubber surround. Easily adjustable moving mass. Symmetric suspension.

Sd	216cm ²
Fs	20Hz
Cms	0.83mm/N
Mms	76.7g
Rms	1.4kg/s
Vas	55L
Weight	240g
Code	SB20PFCR-00

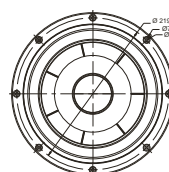
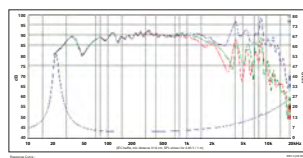


SB ACOUSTICS 8" WOOFER - CERAMIC CACS

CERAMIC CONE WIDE BANDWIDTH DRIVER WHITE

Soft low damping rubber surround for improved transient response. Geometrically reinforced ceramic cone for improved break-up control. Shorting ring in motor system for reduced distortion. Vented pole piece for reduced compression. Vented cast aluminium chassis for optimum strength and low compression. Shallow design. Non-conducting fibre glass voice coil former for minimum damping. CCAW voice coil for reduced moving mass. Long life silver lead wires.

Impedance	4Ω (Re 3.0Ω)	8Ω (Re 5.0Ω)
Fs	23Hz	25Hz
Sens.	90dB	87.5dB
Power	60Wrms	60Wrms
Qes	0.35	0.44
Qms	6	5.41
Qts	0.33	0.4
Vas	95L	87L
Code	SB23CACS45-4	SB23CACS45-8

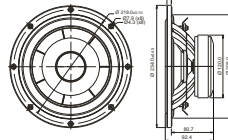
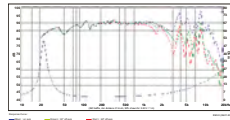


SB ACOUSTICS 8" WOOFER - ALUMINIUM NBACS

ALUMINIUM CONE WIDE BANDWIDTH DRIVER BLACK

Soft low damping rubber surround for improved transient response. Geometrically reinforced aluminium cone for improved break-up control. Shorting ring in motor system for reduced distortion. Vented pole piece for reduced compression. Vented cast aluminium chassis for optimum strength and low compression. Shallow design. Non-conducting fibre glass voice coil former for minimum damping. CCAW voice coil for reduced moving mass. Long life silver lead wires.

Impedance	4Ω (Re 3.0Ω)	8Ω (Re 5.7Ω)
Fs	23Hz	25Hz
Sens.	90dB	87.5dB
Power	60Wrms	60Wrms
Qms	5.4	5.54
Qes	0.35	0.43
Qts	0.33	0.4
Vas	95L	93.4L
Code	SB23NBACS45-4	SB23NBACS45-8

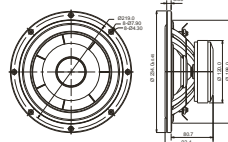
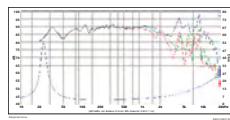


SB ACOUSTICS 8" WOOFER - ALUMINIUM NACS

ALUMINIUM CONE WIDE BANDWIDTH DRIVER

Vented cast aluminium chassis for optimum strength and low compression. Extended frequency response. Geometrically reinforced aluminium cone for improved break-up control. Soft low damping rubber surround for improved transient response. Non-conducting fibre glass voice coil former for minimum damping. Shorting ring in motor system for reduced distortion. Vented pole piece for reduced compression. CCAW voice coil for reduced moving mass. Long life silver lead wires.

Impedance	4Ω (Re 3.0Ω)	8Ω (Re 5.0Ω)
Fs	23Hz	25Hz
Sens.	90dB	87.5dB
Power	60Wrms	60Wrms
Qms	5.4	5.6
Qes	0.35	0.4
Qts	0.33	0.37
Vas	95L	94L
Code	SB23NACS45-4	SB23NACS45-8

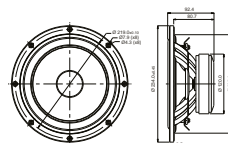
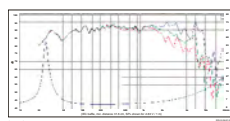


SB ACOUSTICS 8" WOOFER - NOREX NRXS

ALUMINIUM CHASSIS - NOREX FIBRE POLY-COATED

Soft low damping rubber surround for improved transient response. Shorting ring in motor system for reduced distortion. Vented pole piece for reduced compression. Vented cast aluminium chassis for optimum strength and low compression. Shallow design. Non-conducting fibre glass voice coil former for minimum damping. CCAW voice coil for reduced moving mass. Long life silver lead wires.

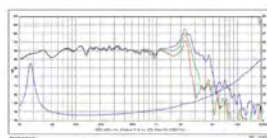
Impedance	4Ω (Re 3.0Ω)	8Ω (Re 5.0Ω)
Power	60Wrms	60Wrms
Sens.	92dB	88.5dB
Fs	27Hz	27Hz
Qms	5.55	5.4
Qes	0.32	0.41
Qts	0.3	0.38
Vas	87.5L	94L
Code	SB23NRXS45-4	SB23NRXS45-8



SB ACOUSTICS 10" WOOFER - SFCL LONG STROKE

Hard pressed vented paper cone woofer with durable rubber surround. Symmetric suspension design for improved dynamic performance. Light weight and vented chassis. Non-inductive coil former.

Impedance	4Ω (Re 3.3Ω)	8Ω (Re 6Ω)
Fs	27.4Hz	27.5Hz
Power	80Wrms	80Wrms
Sens.	91dB	88dB
Qms	5.59	5.09
Qes	0.47	0.6
Qts	0.43	0.53
Vas	104L	107L
Diam.	265mmØ	265mmØ
Hole	229mmØ	229mmØ
Depth	117mm	117mm
Code	SB26SFCL38-4	SB26SFCL38-8



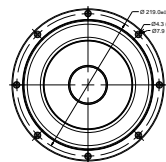
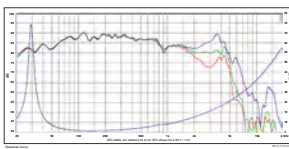
SB ACOUSTICS 8" SUB WOOFER - MFCL LONG STROKE

LONG STROKE - DOUBLE MAGNET

Vented cast aluminium chassis for optimum strength and low compression. Unique mineral filled polypropylene cone material, made in-house with extra stiffness. Extended roll rubber surround for improved transient response and SPL. Non-conducting fibre glass CCAW voice coil former. Long life silver lead wires. Vented pole piece and aluminium chassis. Optimised for compact enclosures.

Impedance	4Ω (Re 3.0Ω)	8Ω (Re 6.2Ω)
Fs	27Hz	28.5Hz
Sens.	87.5dB	85dB
Power	150Wrms	150Wrms
Qms	7.7	7.3
Qes	0.36	0.46
Qts	0.34	0.43
Vas	37L	37L
Code	SB23MFCL45-4	SB23MFCL45-8

ACOUSTICS

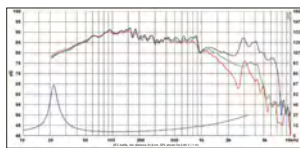


SB ACOUSTICS 10" WOOFER - NRX

LONG STROKE - DOUBLE MAGNET

Hard Paper proprietary cone materials made in-house for consistency. Low damping SBR rubber surround with high exertion and resilience. Open structure cast frame for reduced reflections and compression. Aluminium alloy for light weight, non-magnetic and extra rigidity. Shorting Copper cap on pole piece. Non-inductive 75mm coil former.

Impedance	6.0Ω (Re 4.5Ω)	6.0Ω (Re 4.2Ω)	8Ω (Re 6.2Ω)
Fs	20Hz	21Hz	26Hz
Sens.	86dB	88dB	88dB
Power	200Wrms	200Wrms	200Wrms
Qms	4.5	5.7	7.06
Qes	0.31	0.38	0.39
Qts	0.29	0.35	0.37
Vas	66L	102L	85.6L
Code	SB29SWNRX-S75-6	SB29NRX75-6	SB29NRX75-8



SB ACOUSTICS 10" PASSIVE RADIATOR - NRX

PASSIVE RADIATOR SUIT SB29SWNRX SERIES

This driver is built similar to the active woofer and is a good match to the SB29SWNRX-S75 10" subwoofer. In 0.75 to 1.0 cubic foot with that woofer you have an F3 of about 35Hz. It also mates well with the SB29NRX75-6 10" woofer. In 1.0 to 1.3 cubic foot, your F3 is 38Hz. Using a plate amp with a low frequency boost, you would go even lower. (see DW-50 for additional 50g weights).

Fs	10.2Hz
Cms	0.48mm/N
Rms	3kg/s
Mms	505g
Sd	312cm ²
Qms	10.8
Vas	66L
Code	SB29NRX-00

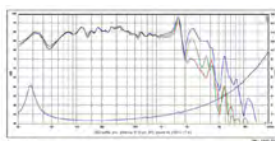


ACOUSTICS

SB ACOUSTICS 10" SHALLOW SUB WOOFER - SFC

Made with hard pressed vented proprietary paper cone. Inverted rubber surround. Shallow light weight design. Symmetric suspension. Stacked neodymium motor with built-in soft limiting. Non-conducting fiber glass coil former. Long life lead wires.

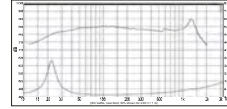
Impedance	4Ω (Re 3.5Ω)	8Ω (Re 6Ω)
Fs	27Hz	28.5Hz
Power	80Wrms	80Wrms
Sens.	91.5dB	89dB
Qms	4.94	5.18
Qes	0.3	0.38
Qts	0.29	0.35
Vas	88L	80L
Diam.	265mmØ	265mmØ
Hole	230mmØ	230mmØ
Depth	74.3mm	74.3mm
Code	SW26SFC38-4	SW26SFC38-8



SB ACOUSTICS 10" SUB WOOFER - ALUMINIUM SHALLOW DAC

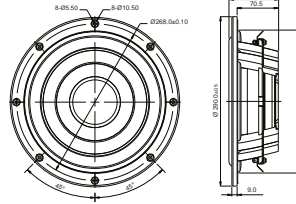
NARROW CABINET SOLUTION WITH NEODYMIUM MAGNET

Recommended for small to medium sub woofer enclosures, Fast alloy cone for narrow profile situations. Note: Low efficiency requires a very large power amp to run it. SSS. Dual-mirrored aluminium motor design for a rigid strength high dB cone. Extra large 3" aluminium voice coil converts large amounts of power. Depth only 70mm.



ACOUSTICS

Impedance	4Ω (Re 3.2Ω)	8Ω (Re 6.4Ω)	2x 3.0Ω (Re 2x 2.4 Ω)
Fs	22Hz	19.5Hz	19.5Hz
Sens.	86dB	83dB	88/82 dB
Power	200Wrms	250Wrms	300Wrms
Qes	0.51	4.4	0.29
Qms	4.5	0.29	5.96
Qts	0.46	0.28	0.28
Vas	54L	54L	49.7L
Code	SW26DAC76-4	SW26DAC76-8	SW26DAC76-3-DV

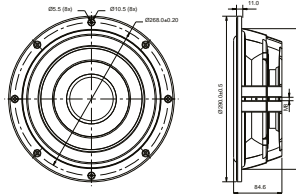


SB ACOUSTICS 10" PASSIVE RADIATOR - ALUMINIUM SHALLOW DAC

NARROW CABINET SOLUTION - ZERO PORT OPTION

Dual rigid aluminium cone structure. Cast aluminium chassis for optimum strength. Low damping medium hardness rubber surround for improved dynamic linearity and mechanical stability. Easily adjustable moving mass. (see DW-50 for additional M8 type 50g weights)

Sd	312cm ²
Fs	13Hz
Cms	0.39mm/N
Mms	400g
Rms	3.7kg/s
Qms	8.8
Vas	54L
Code	SW26DAC-00

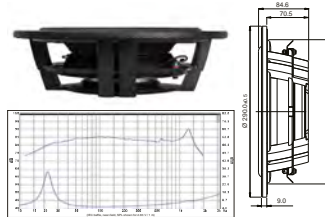


SB ACOUSTICS 10" SUB WOOFER - ALUMINIUM SHALLOW DBAC

NARROW CABINET SOLUTION WITH NEODYMIUM MAGNET

Unique patented long through shallow design. Vented cast aluminium chassis for optimum strength and low compression. Dual rigid aluminium cone structure. Non-conducting fibre glass coil former for minimum damping. Shorting ring in motor system for reduced distortion. 3 copper voice coil for improved power handling. Long life insulated silver lead wires. Powerful neodymium motor system.

Impedance	4Ω (Re 3.2Ω)	8Ω (Re 6.4Ω)	2x 3.0Ω (Re 2x 2.4 Ω)
Fs	22Hz	19.5Hz	19.5Hz
Sens.	86dB	83dB	88/82 dB
Power	200Wrms	250Wrms	300Wrms
Qes	0.51	4.4	0.29
Qms	4.5	0.29	5.96
Qts	0.46	0.28	0.28
Vas	54L	54L	49.7L
Code	SW26DBAC76-4	SW26DBAC76-8	SW26DBAC76-3-DV

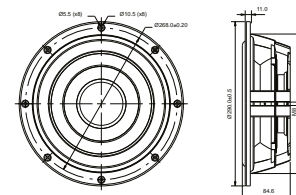


SB ACOUSTICS 10" PASSIVE RADIATOR - ALUMINIUM SHALLOW DAC

NARROW CABINET SOLUTION - ZERO PORT OPTION

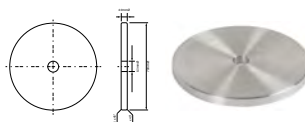
Dual rigid aluminium cone structure. Cast aluminium chassis for optimum strength. Low damping medium hardness rubber surround for improved dynamic linearity and mechanical stability. Easily adjustable moving mass. (see DW-50 for additional M8 type 50g weights)

Sd	312cm ²
Fs	13Hz
Cms	0.39mm/N
Mms	400g
Rms	3.7kg/s
Qms	8.8
Vas	54L
Code	SW26DBAC-00



ADJUSTMENT WEIGHT

Weight	50g	Suits:
Size	3.5"	SB34NRX-00
Code	DW-50	SB29NRX-00
		SW26DAC-00
		SW26DBAC-00

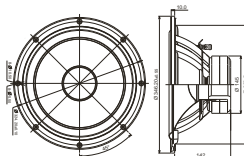
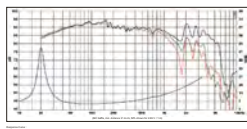


SB ACOUSTICS 12" WOOFER - NRX

LONG STROKE - DOUBLE MAGNET 2.1KG

Hard Paper proprietary cone materials made in-house for consistency Low damping SBR rubber surround with high exertion and resilience. Open structure cast frame for reduced reflections and compression Aluminium alloy for light weight, non-magnetic and extra rigidity. Shorting Copper cap on pole piece. Non-inductive 75mm coil former. Suggested Alignments: Sealed box of 75 litres for an F3 of 38Hz. Vented box 110L for an F3 of 27Hz with a 7.5cm diameter vent by 25cm

Impedance	6.0Ω (Re 4.2Ω)	16.0Ω (Re 14Ω)
Fs	19Hz	25Hz
Sens.	90dB	86dB
Power	200Wrms	100Wrms
Qms	5.1	6.65
Qes	0.43	0.8
Qts	0.4	0.71
Vas	260L	205L
Code	SB34NRX75-6	SB34NRX75-16

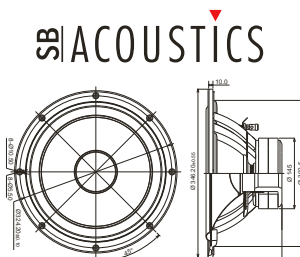
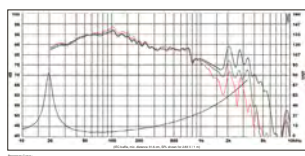


SB ACOUSTICS 12" SUB WOOFER - WNRX

SUB-WOOFER VERSION

Hard Paper proprietary cone materials made in-house for consistency. Low damping SBR rubber surround with high exertion and resilience. Open structure cast frame for reduced reflections and compression. Aluminium alloy for light weight, non-magnetic (Low Le) and extra rigidity. Shorting Copper cap on pole piece. Non-inductive 75mm coil former. Heavy-duty high-temperature 4 layer voice coil version. Optimised for use as a sub woofer. Compatible with sealed, ported or with the SB34NRX-00 passive radiator.

Impedance	6.0Ω (Re 4.5Ω)
Fs	19Hz
Sens.	88dB
Power	200Wrms
Qms	5
Qes	0.34
Qts	0.32
Vas	164L
Code	SB34SWNRX-S75-6

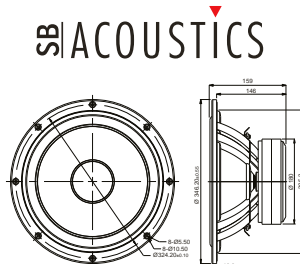
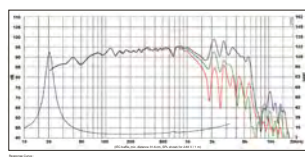


SB ACOUSTICS 12" WOOFER NRXL

LONG STROKE - HIGH FLUX - DOUBLE MAGNET 3.6KG

Hard paper cone for improved piston operation (made in-house) with large motor system with under-cut pole piece and dual shorting rings. Vented pole piece and vented cast aluminium chassis for optimum strength and low compression. 3" copper voice coil for improved power handling with long life silver lead wires. Low damping rubber surround for improved dynamic linearity. Non-conducting fibre glass voice coil former for minimum damping. Optimized driver for vented enclosures.

Impedance	8Ω (Re 6.2Ω)
Fs	22Hz
Sens.	91dB
Power	200Wrms
Qms	5.5
Qes	0.29
Qts	0.28
Vas	205L
Code	SB34NRXL75-8

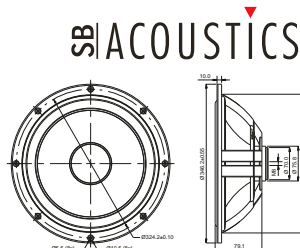


SB ACOUSTICS 12" PASSIVE RADIATOR - NRX

SUITS THE STYLE OF ANY NRX COATED DRIVER

This passive radiator is a good match to the SB34SWNRX-S75. Hard paper cone for improved piston operation (made in-house) with a cast aluminium chassis for optimum strength and low damping medium hardness rubber surround for improved dynamic linearity and mechanical stability. Easily adjustable moving mass for fine tuning. The disc weight (50g Included) is used to adjust the moving mass of the passive radiators. Uses an M8 bolt for mounting (see DW-50 for additional 50g weights).

Fs	8.7Hz
Cms	0.5mm/N
Rms	3kg/s
Mms	665g
Sd	508cm²
Qms	12.1
Vas	183L
Code	SB34NRX-00



As used in the SBA Subwoofer Kit.
SUB34SW

SB ACOUSTICS 12" SUB-WOOFER - SWPL

SUB-WOOFER NOREX PAPER CONE LONG STROKE

Long stroke design. Linear high stability suspension. Low damping rubber surround. 75mm copper voice coil. Non-conducting reinforced fibre glass coil former. Very stiff hard paper cone (made in-house). Vented cast aluminium chassis. Large vented motor system and vented coil former. Long life silver lead wires.

Impedance	4Ω (Re 3.5Ω)
Fs	19Hz
Sens.	85dB
Power	300Wrms
Qes	0.34
Qms	8.6
Qts	0.33
Vas	78.5L
Code	SB34SWPL76-4



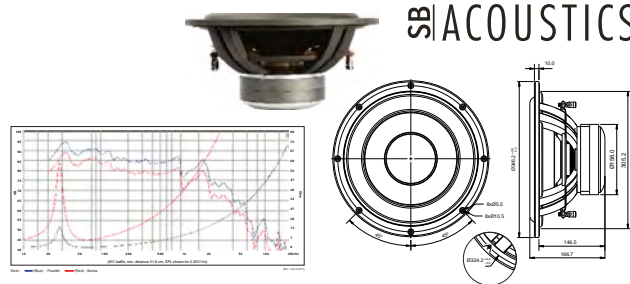
As used in the SBA Subwoofer Kit.
SUB34SW

SB ACOUSTICS 12" SUB-WOOFER - SWPL DUAL COIL

SUB-WOOFER NOREX PAPER CONE LONG STROKE - DUAL VOICE COIL

Long stroke design. Linear high stability suspension. Low damping rubber surround. Dual 75mm copper voice coil. Non-conducting reinforced fibre glass coil former. Very stiff hard paper cone (made in-house). Vented cast aluminium chassis. Large vented motor system and vented coil former. Silver lead wires.

Impedance	2x 3.0Ω (Re 2x 2.5Ω)
Fs	27.5Hz
Sens.	90/85dB
Power	300Wrms
Qes	0.52
Qms	5.62
Qts	0.48
Vas	43L
Code	SB34SWPL76-3-DV

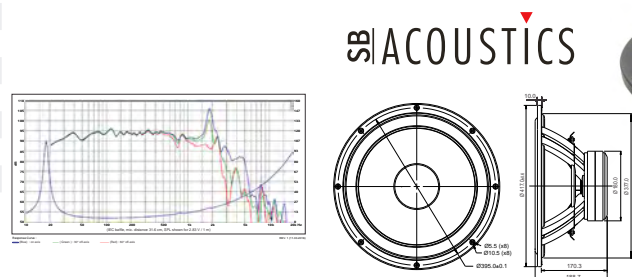


SB ACOUSTICS 15" SUB-WOOFER - FHCL

HONEYCOMB CONE LONG STROKE

Light weight rigid honeycomb cone (hard paper honeycomb with fibre glass skin layers). 75mm copper voice coil for improved power handling. Long life silver lead wires. Vented pole piece for minimum compression. Vented cast aluminium chassis for optimum strength and low compression. Low damping rubber surround for improved dynamic linearity. Non-conducting fibre glass voice coil former for minimum damping. Large motor system.

Impedance	6Ω (Re 4.0Ω)
Power	300Wrms
Sens.	93dB
Fs	18.4Hz
Qms	7.4
Qes	0.32
Qts	0.31
Vas	462L
Code	SB42FHCL75-6



SB AUDIENCE NERO 18" SUBWOOFER

- Proprietary paper cone with silk cotton tree
- Double spider high stability suspension
- Cooling device on yoke for improved heat transfer
- 4.5" voice coil with APC (Advanced Polymer Coating)
- Shorting ring in motor system for reduced distortion
- Cast aluminium chassis

Impedance	8Ω (Re 5.2Ω)
Fs	35Hz
Sens.	99dB
Power	1100W AES
Qms	11.69
Qes	0.32
Qts	0.31
Vas	158L
Code	NERO-18SW1100D



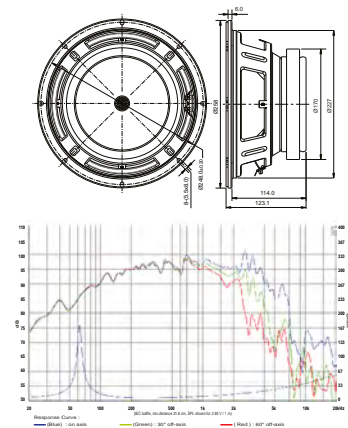
MORE PROFESSIONAL SERIES DRIVERS



SB AUDIENCE BIANCO 10" MID-WOOFER

- Proprietary cone paper material with linter pulp
- 2.4" voice coil with APC (Advanced Polymer Coating)
- Vented back plate for reduced compression
- Minimum damping fibre glass voice coil former
- Weather-proof coated cone paper
- Long life silver lead wires

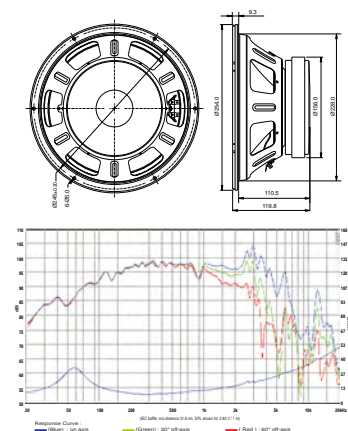
Impedance	8Ω (Re 5.2Ω)
Fs	60Hz
Sens.	98dB
Power	150W AES
Qms	11.81
Qes	0.3
Qts	0.29
Vas	34.6L
Code	BIANCO-10MW150



SB AUDIENCE BIANCO 10" MID-WOOFER

- Proprietary cone paper material with linter pulp
- 2.4" voice coil with APC (Advanced Polymer Coating)
- Vented back plate for reduced compression
- Minimum damping fibre glass voice coil former
- Weather-proof coated cone paper
- Long life silver lead wires

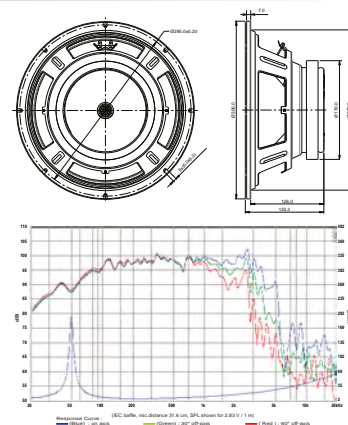
Impedance	8Ω (Re 5.7Ω)
Fs	58Hz
Sens.	97dB
Power	200W AES
Qms	1.86
Qes	0.41
Qts	0.33
Vas	39.3L
Code	BIANCO-10MW200



SB AUDIENCE BIANCO 12" MID-WOOFER

- Proprietary cone paper material with silk cotton tree and manila pulp
- 2.4" voice coil with APC (Advanced Polymer Coating)
- Vented back plate for reduced compression
- Minimum damping fibre glass voice coil former
- Long life silver lead wires
- Weather-proof coated cone paper

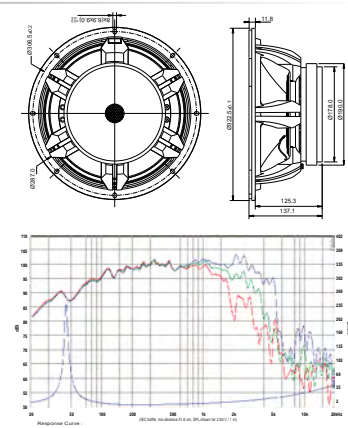
Impedance	8Ω (Re 5.2Ω)
Fs	50Hz
Sens.	98dB
Power	200W AES
Qms	14.47
Qes	0.4
Qts	0.39
Vas	68.7L
Code	BIANCO-12MW200



SB AUDIENCE ROSSO 12" MID-WOOFER

- Proprietary paper cone material with silk cotton tree
- 3" Interleaved Sandwich Voice coil
- Cast aluminium chassis
- Minimum damping fibre glass voice coil former
- CCAW voice coil for reduced moving mass
- Vented back plate for reduced compression

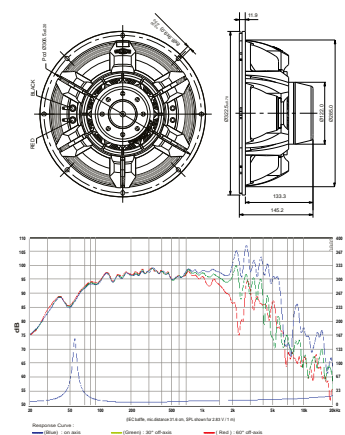
Impedance	8Ω (Re 5.2Ω)
Fs	43Hz
Sens.	99dB
Power	300W AES
Qms	12.7
Qes	0.27
Qts	0.26
Vas	104.2L
Code	ROSSO-12MW300



SB AUDIENCE NERO 12" MID-WOOFER

- Proprietary cone paper material with manila pulp
- Cast aluminium chassis & Strong neodymium motor
- 3" voice coil with APC (Advanced Polymer Coating)
- Copper sleeve for low inductance and reduced distortion
- Interleaved Sandwich Voice coil technology
- Minimum damping fibre glass voice coil former

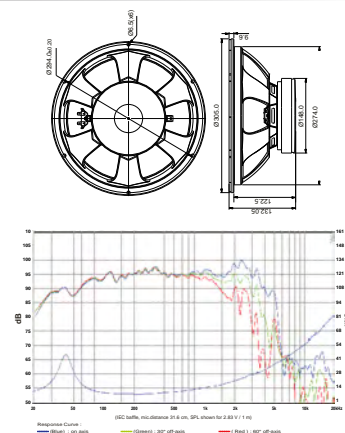
Impedance	8Ω (Re 5.3Ω)
Fs	55Hz
Sens.	97dB
Power	400W AES
Qms	11.56
Qes	0.4
Qts	0.38
Vas	48.3L
Code	NERO-12MWN400D



SB AUDIENCE BIANCO 12" OPEN BAFFLE WOOFER

- Proprietary cone paper material with silk cotton tree and manila pulp made in-house
- 2.4" Non-Conducting fibre glass voice coil former
- Long life silver lead wires
- Weather-proof coated cone paper
- Designed for open baffle applications

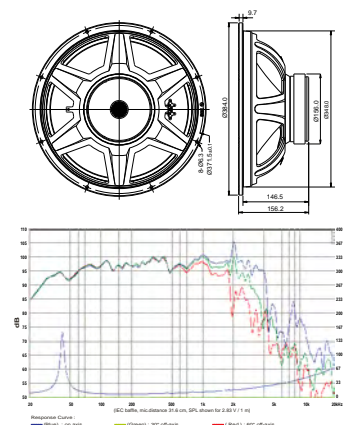
Impedance	8Ω (Re 7.2Ω)
Fs	41Hz
Sens.	95dB
Power	150W AES
Qms	3.25
Qes	0.6
Qts	0.5
Vas	109L
Code	BIANCO-120B150



SB AUDIENCE BIANCO 15" MID-WOOFER

- Proprietary cone paper material made in-house
- Vented back plate for reduced compression
- Corrugation cone paper for improved durability
- 2.4" Minimum damping fibre glass voice coil
- Weather-proof coated cone paper

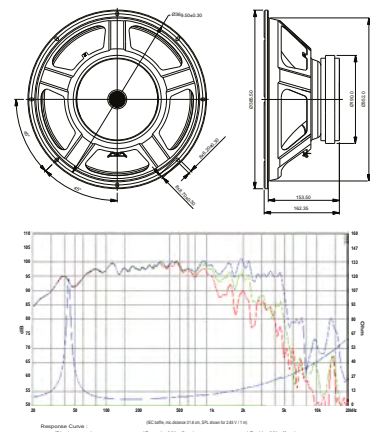
Impedance	8Ω (Re 6.8Ω)
Fs	42Hz
Sens.	98dB
Power	200W AES
Qms	13.32
Qes	0.61
Qts	0.58
Vas	181.1L
Code	BIANCO-15MW200



SB AUDIENCE BIANCO 15" WOOFER

- Proprietary cone paper material with silk cotton tree and manila pulp
- 3" voice coil with APC (Advanced Polymer Coating)
- Minimum damping fibre glass voice coil former
- Vented back plate for reduced compression
- Long life silver lead wires
- Weather-proof coated cone paper

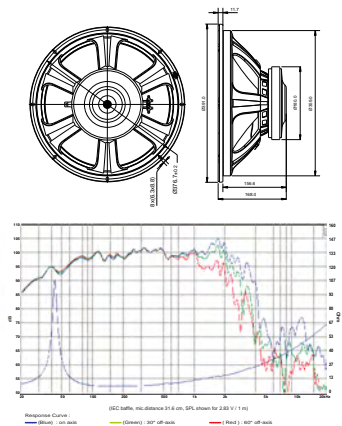
Impedance	8Ω (Re 5.2Ω)
Fs	44Hz
Sens.	99dB
Power	200W AES
Qms	11.99
Qes	0.54
Qts	0.52
Vas	155.8L
Code	BIANCO-15W200



SB AUDIENCE BIANCO 15" MID-WOOFER

- Proprietary cone paper material made in-house
- 2.5" Minimum damping fibre glass voice coil former
- Long life silver lead wires
- Vented back plate for reduced compression
- Weather-proof coated cone paper

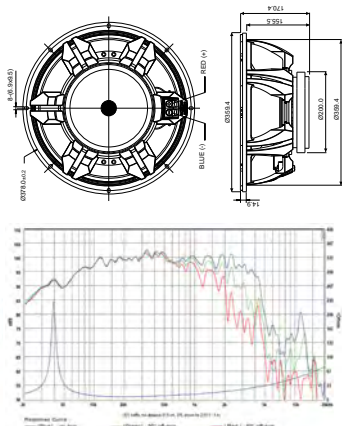
Impedance	8Ω (Re 5.2Ω)
Fs	42Hz
Sens.	100dB
Power	350W AES
Qms	9.92
Qes	0.51
Qts	0.48
Vas	141.1L
Code	BIANCO-15MW350



SB AUDIENCE ROSSO 15" WOOFER

- Proprietary cone paper material with silk cotton tree
- Minimum damping fibre glass voice coil former
- 3" voice coil with APC (Advanced Polymer Coating)
- Ribbon voice coil wire for high efficiency
- Cast aluminium chassis
- Vented back plate for reduced compression

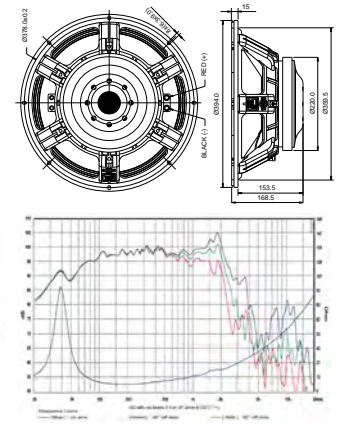
Impedance	8Ω (Re 5.2Ω)
Fs	40Hz
Sens.	100dB
Power	400W AES
Qms	10.88
Qes	0.29
Qts	0.28
Vas	170.1L
Code	ROSSO-15W400



SB AUDIENCE ROSSO 15" MID-WOOFER

- Proprietary cone paper material with silk cotton tree
- Minimum damping fibre glass voice coil former
- 4" voice coil APC with Ribbon voice coil wire
- Cast aluminium chassis
- Vented back plate for reduced compression
- Triple roll surround for extended excursion

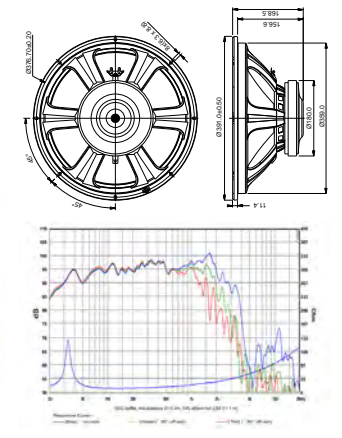
Impedance	8Ω (Re 5.6Ω)
Fs	39Hz
Sens.	98dB
Power	500W AES
Qms	7.69
Qes	0.32
Qts	0.3
Vas	139.4L
Code	ROSSO-15MW500



SB AUDIENCE BIANCO 15" OPEN BAFFLE WOOFER

- Proprietary cone paper material made in-house
- Vented back plate for reduced compression
- 2.5" Non-Conducting fibre glass voice coil former
- Long life silver lead wires
- Weather-proof coated cone paper
- Designed for open baffle applications

Impedance	8Ω (Re 7.2Ω)
Fs	34Hz
Sens.	98dB
Power	350W AES
Qms	12.17
Qes	0.6
Qts	0.57
Vas	212.73 L
Code	BIANCO-150B350

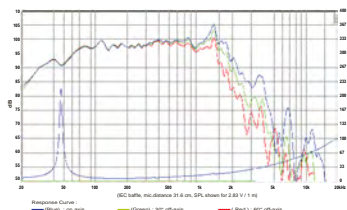
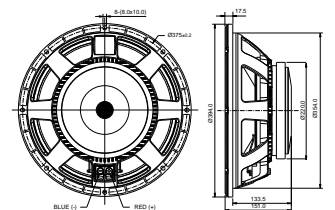


SB Audience Subwoofer Drivers

SB AUDIENCE BIANCO 15" SUBWOOFER

- Proprietary cone paper material with silk cotton tree
- 4" voice coil with APC (Advanced Polymer Coating)
- Cast aluminium chassis
- Corrugation cone paper for improved durability
- Minimum damping fibre glass voice coil former
- Vented back plate for reduced compression

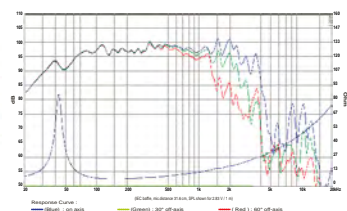
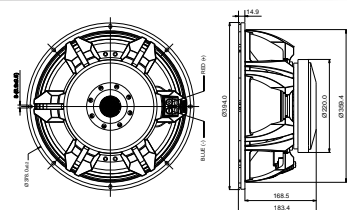
Impedance	8Ω (Re 5.6Ω)
Fs	47Hz
Sens.	97dB
Power	400W AES
Qms	19.94
Qes	0.53
Qts	0.51
Vas	90.4L
Code	BIANCO-15SW400



SB AUDIENCE ROSSO 15" SUBWOOFER

- Cast aluminium chassis & Proprietary cone paper material
- Minimum damping fibre glass voice coil former
- 4" voice coil with APC (Advanced Polymer Coating)
- Ribbon voice coil wire for high efficiency
- Vented back plate for reduced compression

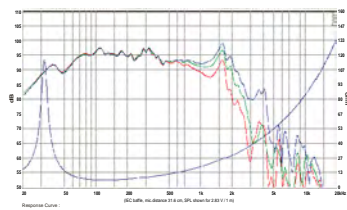
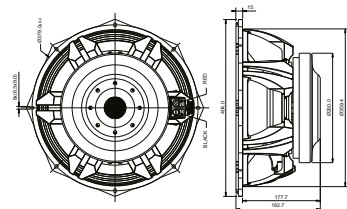
Impedance	8Ω (Re 5.2Ω)
Fs	39Hz
Sens.	97dB
Power	800W AES
Qms	10.64
Qes	4.5
Qts	0.45
Vas	140L
Code	ROSSO-15SW800



SB AUDIENCE NERO 15" SUBWOOFER

- Proprietary cone paper material with silk cotton tree and manila pulp
- 4.5" fibre glass voice coil with APC (Advanced Polymer Coating)
- Cooling device on head yoke for increased heat transfer
- Vented back plate for reduced compression
- Double spider for high stability suspension
- Heavy-Duty Cast aluminium chassis

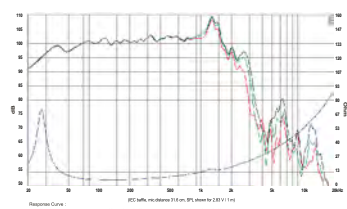
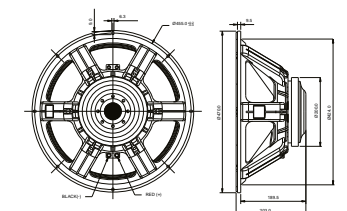
Impedance	8Ω (Re 5.2Ω)
Fs	31Hz
Sens.	96dB
Power	800W AES
Qms	7.59
Qes	0.36
Qts	0.34
Vas	128L
Code	NERO-15SW800



SB AUDIENCE BIANCO 18" SUBWOOFER

- Proprietary cone paper material with silk cotton tree
- 3" voice coil with APC (Advanced Polymer Coating)
- Minimum damping fibre glass voice coil former
- Cast aluminium chassis & Vented back plate
- Weather-proof coated cone paper
- Triple roll surround allows long excursion

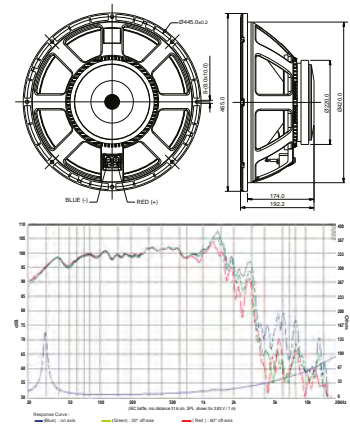
Impedance	8Ω (Re 5Ω)
Fs	27Hz
Sens.	100dB
Power	450W AES
Qms	6.11
Qes	0.4
Qts	0.38
Vas	423L
Code	BIANCO-18SW450



SB AUDIENCE BIANCO 18" SUBWOOFER

- Proprietary cone paper material with silk cotton tree
- 4" fibre glass voice coil former with APC
- Cast aluminium chassis
- Vented back plate for reduced compression
- Weather-proof coated cone paper

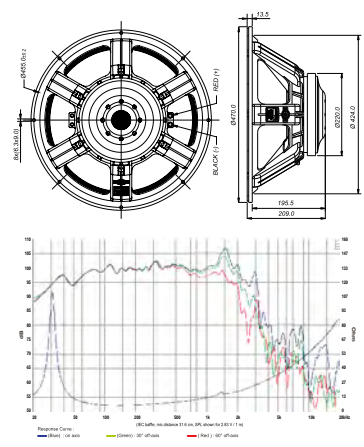
Impedance	8Ω (Re 5.6Ω)
Fs	28Hz
Sens.	99dB
Power	500W AES
Qms	13.29
Qes	0.47
Qts	0.45
Vas	371.5L
Code	BIANCO-18SW500



SB AUDIENCE ROSSO 18" SUBWOOFER

- Proprietary cone paper material with silk cotton tree
- 4" fibre glass voice coil former with APC (Advanced Polymer Coating)
- Ribbon voice coil wire for high efficiency
- Cast aluminium chassis
- Vented back plate for reduced compression
- Triple roll surround for extended excursion

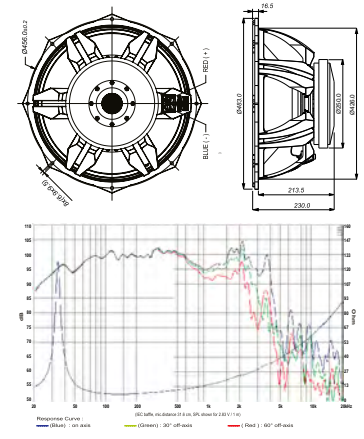
Impedance	8Ω (Re 5.0Ω)
Fs	31Hz
Sens.	99dB
Power	650W AES
Qms	8.56
Qes	0.39
Qts	0.38
Vas	327.2L
Code	ROSSO-18SW650



SB AUDIENCE ROSSO 18" SUBWOOFER

- Proprietary cone paper material with silk cotton tree
- Minimum damping fibre glass voice coil former
- 4.5" voice coil with APC (Advanced Polymer Coating)
- Ribbon voice coil wire for high efficiency
- Cast aluminium chassis
- Vented back plate for reduced compression

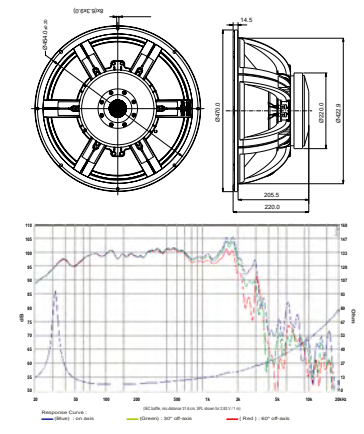
Impedance	8Ω (Re 5.2Ω)
Fs	34Hz
Sens.	99dB
Power	750W AES
Qms	10.33
Qes	0.43
Qts	0.41
Vas	229.5L
Code	ROSSO-18SW750



SB AUDIENCE ROSSO 18" SUBWOOFER

- Proprietary cone paper material with silk cotton tree
- Minimum damping fibre glass voice coil former
- 4" voice coil with APC (Advanced Polymer Coating)
- Ribbon voice coil wire for high efficiency
- Adding cooling device on yoke for better heat transfer
- Vented back plate for reduced compression
- Cast aluminium chassis

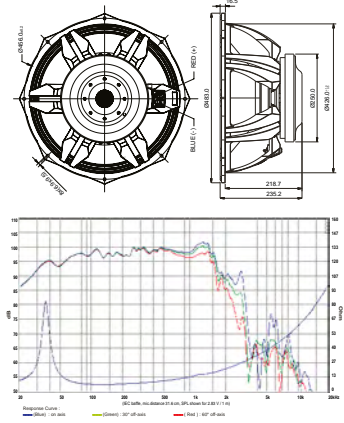
Impedance	8Ω (Re 5.2Ω)
Fs	33Hz
Sens.	99dB
Power	800W AES
Qms	9.8
Qes	0.5
Qts	0.48
Vas	282L
Code	ROSSO-18SW800



SB AUDIENCE ROSSO 18" SUBWOOFER

- Proprietary cone paper material with silk cotton tree
- Double spider for high stability suspension
- Shorting ring in motor system for reduced distortion
- Cooling device on yoke for improved heat transfer
- 4.5" AISVW voice coil with APC
- Cast aluminium chassis

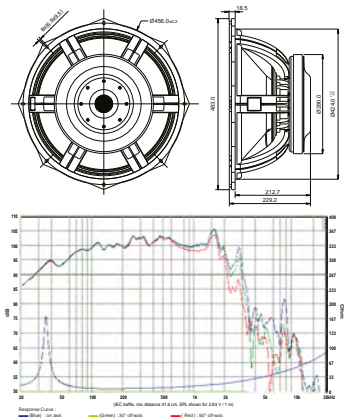
Impedance	8Ω (Re 5.2Ω)
Fs	36Hz
Sens.	98dB
Power	1000W AES
Qms	7.62
Qes	0.47
Qts	0.44
Vas	162.6L
Code	ROSSO-18SW1000D



SB AUDIENCE NERO 18" SUBWOOFER

- Proprietary paper cone with silk cotton tree
- Double spider high stability suspension
- Cooling device on yoke for improved heat transfer
- 4.5" voice coil with APC (Advanced Polymer Coating)
- Shorting ring in motor system for reduced distortion
- Cast aluminium chassis

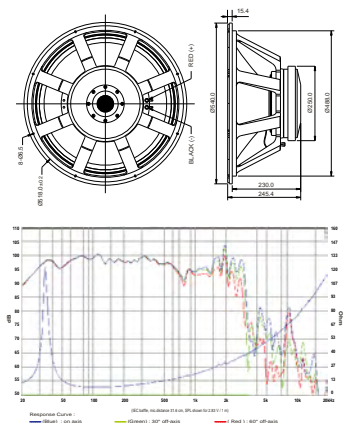
Impedance	8Ω (Re 5.2Ω)
Fs	35Hz
Sens.	99dB
Power	1100W AES
Qms	11.69
Qes	0.32
Qts	0.31
Vas	158L
Code	NERO-18SW1100D



SB AUDIENCE ROSSO 21" SUBWOOFER

- Minimum damping fibre glass voice coil former
- 4.5" Ribbon voice coil with APC
- Cast aluminium chassis
- Vented back plate for reduced compression

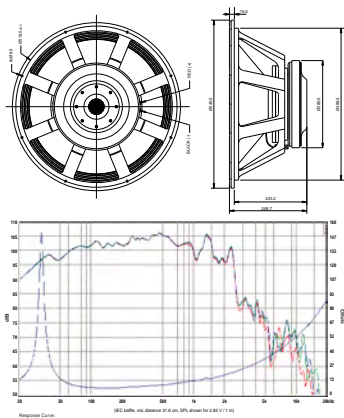
Impedance	8Ω (Re 6.2Ω)
Fs	33Hz
Sens.	99dB
Power	800W AES
Qms	9.67
Qes	0.57
Qts	0.54
Vas	318.5L
Code	ROSSO-21SW800



SB AUDIENCE NERO 21" SUBWOOFER

- Proprietary cone paper material with silk cotton tree
- Double spider high stability suspension
- Cooling device on yoke for improved heat transfer
- 4.5" voice coil with APC
- Shorting ring in motor system
- Cast aluminium chassis

Impedance	8Ω (Re 5.0Ω)
Fs	32Hz
Sens.	102dB
Power	1100W AES
Qms	10.98
Qes	0.35
Qts	0.34
Vas	313L
Code	NERO-21SW1100D



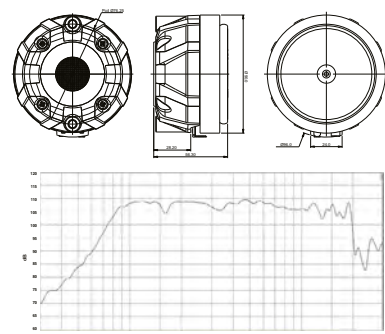
SB Audience Compression Drivers

SB AUDIENCE 1" COMPRESSION DRIVER

25MM VC WITH POLYETHERIMIDE DIAPHRAGM

- Extremely light weight PEI diaphragm
- Smooth response with airy detailed highs
- High sensitivity and compact design

Impedance	8Ω
Freq.	1000-20000Hz
Power	20W AES
Coil	25mm
Depth	57mm
Code	BIANCO-25CD-P

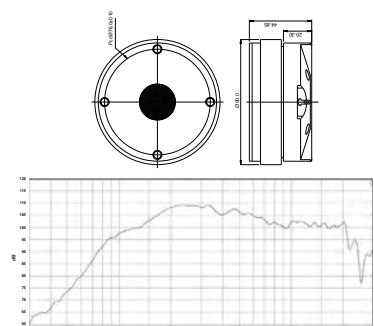


SB AUDIENCE 1" COMPRESSION DRIVER

34MM VC WITH POLYETHER ETHER KETONE (PEEK) DIAPHRAGM

- PEEK diaphragm
- Extended upper frequency response
- Smooth yet detailed and dynamic
- Advanced voice coil with Flat Copper Clad Aluminium Wire

Impedance	8Ω
Freq.	1000-20000Hz
Power	30W AES
Coil	34mm
Depth	44.85mm
Code	BIANCO-34CD-PK

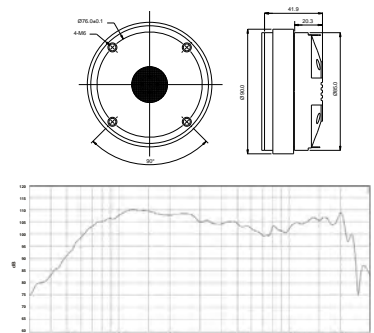


SB AUDIENCE 1" COMPRESSION DRIVER

34MM VC WITH TITANIUM DIAPHRAGM

- Titanium diaphragm
- Extended upper frequency response
- Detailed and dynamic
- Advanced voice coil with Flat Copper Clad Aluminium Wire

Impedance	8Ω
Freq.	700-20000Hz
Power	30W AES
Coil	34mm
Depth	44mm
Code	BIANCO-34CD-T



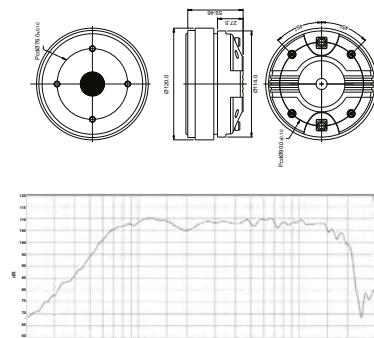
SB AUDIENCE 1" COMPRESSION DRIVER

44MM VC WITH KAPTON DIAPHRAGM

- Kapton diaphragm
- Detailed and smooth character
- High SPL
- Extremely light weight diaphragm

- Push Terminal for easy installation

Impedance	8Ω
Freq.	700-20000Hz
Power	50W AES
Coil	44mm
Depth	62mm
Code	BIANCO-44CD-K

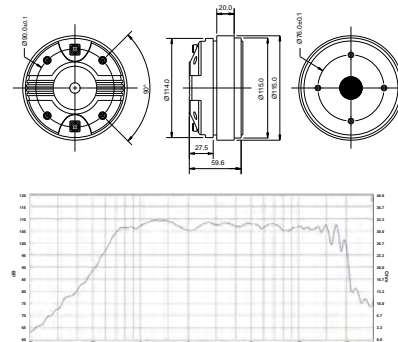


SB AUDIENCE 1" COMPRESSION DRIVER

44MM VC WITH POLYETHER ETHER KETONE (PEEK) DIAPHRAGM

- PEEK diaphragm
- Excellent frequency response
- Smooth yet detailed and dynamic character
- Extended upper frequency response

Impedance	8Ω
Freq.	700-20000Hz
Power	50W AES
Coil	44mm
Depth	62mm
Code	BIANCO-44CD-PK

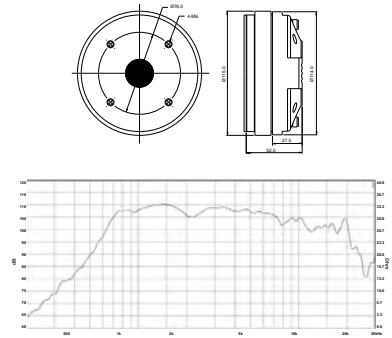


SB AUDIENCE 1" COMPRESSION DRIVER

44MM VC WITH TITANIUM DIAPHRAGM

- Titanium diaphragm
- Detailed and dynamic
- High SPL
- Advanced voice coil with flat copper clad aluminium wire

Impedance	8Ω
Freq.	700-20000Hz
Power	40W AES
Coil	44mm
Depth	54mm
Code	BIANCO-44CD-T

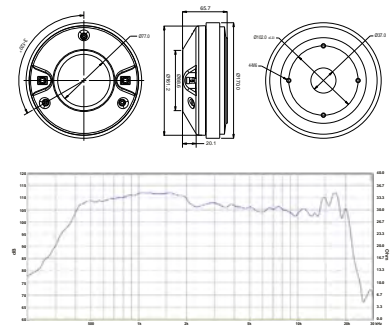


SB AUDIENCE 1.4" COMPRESSION DRIVER

75MM VC WITH TITANIUM DIAPHRAGM

- Titanium composite diaphragm with PEEK surround
- Extended lower frequency range
- High SPL and power handling
- Crisp sound

Impedance	8Ω
Freq.	500-22000Hz
Power	100W AES
Coil	75mm
Depth	65mm
Code	BIANCO-75CD-T

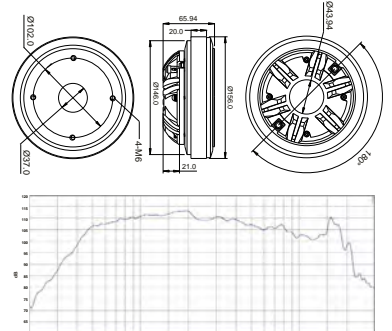


SB AUDIENCE 1.4" COMPRESSION DRIVER

65MM VC WITH FERRITE MAGNET

- Titanium diaphragm
- Copper cap for reduced distortion and extended HF response
- Extended upper frequency response
- Advanced ferrite motor assembly

Impedance	8Ω
Freq.	500-20000Hz
Power	70W AES
Coil	65mm
Depth	66mm
Code	ROSSO-65CD-T

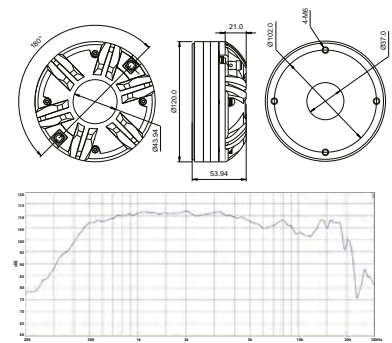


SB AUDIENCE 1.4" COMPRESSION DRIVER

65MM VC WITH NEODYMIUM MAGNET

- Titanium diaphragm
- Neodymium motor assembly
- Copper cap for reduced distortion and extended HF response
- Smooth yet detailed and dynamic character

Impedance	8Ω
Freq.	500-20000Hz
Power	70W AES
Coil	65mm
Depth	54mm
Code	ROSSO-65CDN-T



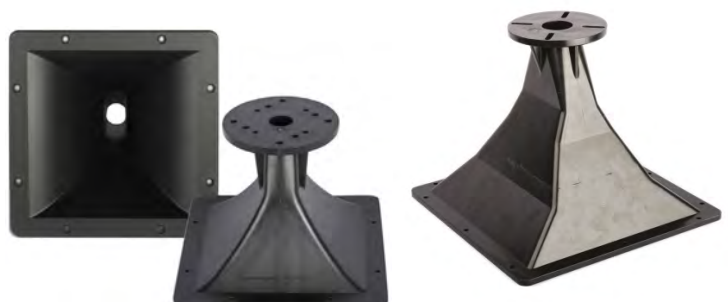
SB AUDIENCE HORN WAVEGUIDES

Horn body with 1" or 1.4" throat diameter.
Made with molded plastic. Requires driver.

Dimensions	Diam.	Code
225mm x 155mm	1"	HORN-H225

Dimensions	Diam.	Code
250mm x 131mm	1"	HORN-H250

Dimensions	Diam.	Code
280mm x 230mm	1.4"	HORN-H280

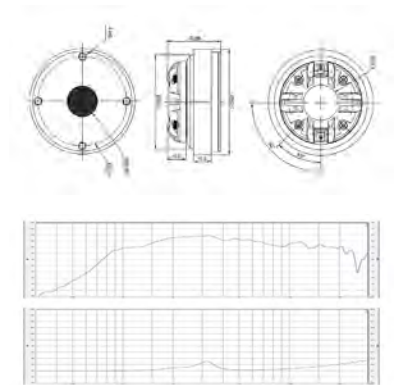


SB AUDIENCE 1" COMPRESSION DRIVER

34MM VC WITH PEEK DIAPHRAGM & FERRITE MAGNET

- PEEK diaphragm
- Optimised cast aluminium rear chamber with damping
- Wide useful bandwidth
- Smooth frequency and impedance response
- Advanced voice coil with flat copper clad aluminium wire

Impedance	8Ω
Freq.	1000-20000Hz
Power	30W AES
Coil	34mm
Depth	46mm
Code	ROSSO-34CD-PK

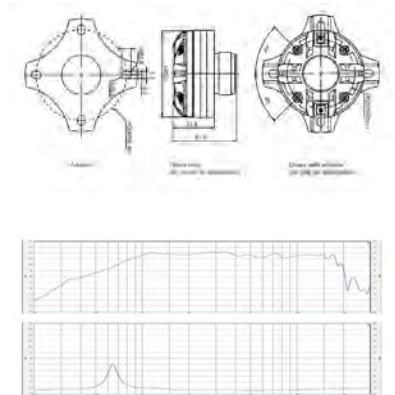


SB AUDIENCE 1" COMPRESSION DRIVER

34MM VC WITH PEEK DIAPHRAGM & NEODYMIUM MAGNET

- PEEK diaphragm
- Neodymium motor assembly
- Optimised cast aluminium rear chamber with damping
- High sensitivity
- Wide useful bandwidth
- Smooth frequency and impedance response
- Screw on or bolt on with included adaptor
- Advanced voice coil with flat copper clad aluminium wire

Impedance	8Ω
Freq.	1000-20000Hz
Power	30W AES
Coil	34mm
Depth	53.86mm
Code	ROSSO-34CDN-PK

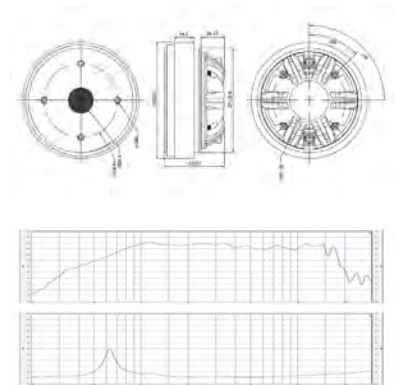


SB AUDIENCE 1" COMPRESSION DRIVER

44.3MM VC WITH PEEK DIAPHRAGM & FERRITE MAGNET

- PEEK PolyEther Ether Ketone diaphragm
- Optimised cast aluminium rear chamber with damping
- Wide useful bandwidth
- Smooth frequency and impedance response
- Advanced voice coil with flat copper clad aluminium wire

Impedance	8Ω
Freq.	700-20000Hz
Power	60W AES
Coil	44.3mm
Depth	62mm
Code	ROSSO-44CD-PK

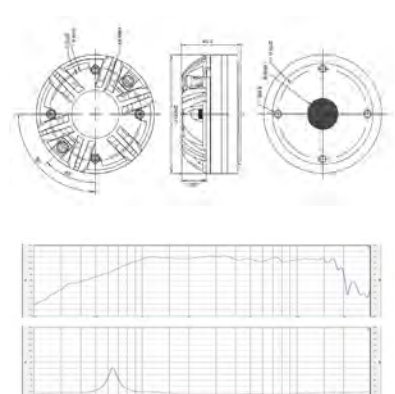


SB AUDIENCE 1" COMPRESSION DRIVER

44.3MM VC WITH PEEK DIAPHRAGM & NEODYMIUM MAGNET

- Polyether Ether Ketone (PEEK) diaphragm
- Neodymium motor assembly
- Optimised cast aluminium rear chamber with damping
- High sensitivity 104dB/1m
- Wide useful bandwidth
- Smooth frequency and impedance response
- Advanced voice coil with flat copper clad aluminium wire

Impedance	8Ω
Freq.	700-20000Hz
Power	60W AES
Coil	44.3mm
Depth	49.9mm
Code	ROSSO-44CDN-PK



□ Open Baffle Project Driver

INTRODUCING SB AUDIENCE

- With well over 35 years of experience in development and manufacturing of solutions for professional OEM drivers, the time is here to bring out an exclusive PRO audio brand to the world market.
- SB Audience is spawned from the heavyweight manufacturing of SB Acoustics and has serviced well known brands in the PRO audio industry for decades with in house engineering and manufacturing.
- There are three categories within our standard product range: Bianco, achieves good performance at the most reasonable cost. Rosso, aims at high performance at an attractive price, and Nero is our higher performance line still achieving exceptional price performance ratio.

AUDIENCE

OPEN BAFFLE SPEAKER DESIGN & TWO NEW SB AUDIENCE WOOFERS [EDITORIAL]

INTRODUCTION TO THE NEW BIANCO-150B350 & BIANCO-120B150 WOOFERS OPTIMISED FOR OPEN BAFFLE DESIGNS

Open baffle loudspeakers are popular for good reason. They can be fitted with large low frequency drivers and they sound “real,” in part because open baffles play with room reflections and sound good even off-axis. A big concern though, is control over the bass response, where the size of the baffle, as well as the choice of the bass drivers are critical. And that is why the engineering team at SB Audience decided to launch new woofers designed for enthusiasts of open baffle applications. Not everyone can accommodate big speakers for music enjoyment at home. But when that’s possible and space allows, dipoles and open baffle loudspeakers are an ideal project for DIY speaker builders and music enthusiasts. They are relatively simple to build, they look impressive, and the overall investment is largely rewarding. Particularly with open baffles, when those speakers are allowed to play in a room with suitable dimensions, where they can sound as loud and dynamic as an actual live concert. As a company with large experience in speaker builder circles and high-end audio applications, SB Acoustics is now building an expanded range of professional transducers under its new brand, SB Audience. And its engineering team, decided to design two large woofers optimized specifically for enthusiasts of open baffles.

The new Bianco 120B150 12” and the 15” Bianco 150B350 woofers, both part of the “good performance at the most reasonable cost” catalog from SB Audience, use great-looking paper cone formulations that are also coated to maintain stable properties with temperature and humidity variations. Construction refinements include elegant six-spoke stamped steel baskets that are designed to be seen, and connections using long-life silver lead wires. SB Audience clearly labels the new woofers as “specifically developed for open baffle applications” based on its high total Q (Qts) parameters, suitable for free-air applications.



First off is the 12” Bianco-120B150 woofer with a generous 2.4” voice coil on a fiber glass former, powerful ferrite magnet motor, specified with a high excursion of 18mm, and with a Total Q of 0.63, making it a good choice woofer for open baffle designs. The 120B150 uses a proprietary cone paper material, combining silk cotton tree and manila pulp, which is then coated with a weatherproof formula.



New Full-Range 8”
SB20FRPC30-8

Also designed for open baffle applications, but offering an impressive Qts of 0.7 is the new 15” Bianco-150B350 woofer, certainly a great choice for users looking for the most powerful bass in those designs. With a high power handling of 350W (AES) and an excursion of 25mm (11.02 Xmax), the 150B350 was specified far above average. It also features a proprietary cone paper material made in-house by SBA, ferrite magnet system with 2.5” voice coil on a fibre glass former, with a vented back plate for reduced compression. As SB Audience characterizes, “the sound is punchy, detailed and dynamic in a way not usually encountered with open-baffle woofers.” Also worthy of note for speaker builders is the fact that both woofer datasheets include detailed measurements of overall, bolt circle, and baffle cutout diameters, as well as mounting depth and flange and gasket thickness.

∞|ACOUSTICS

building your sound

Did the world's
best tweeter just become
even better?

New Satori TeXtreme 29mm tweeter
SATORI TW29TXN-B



TeXtreme