



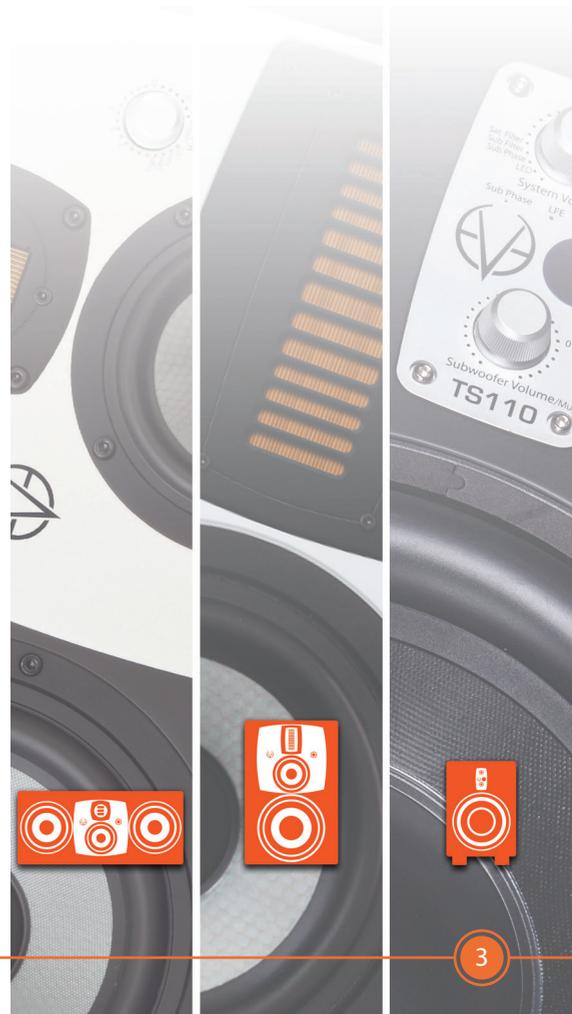
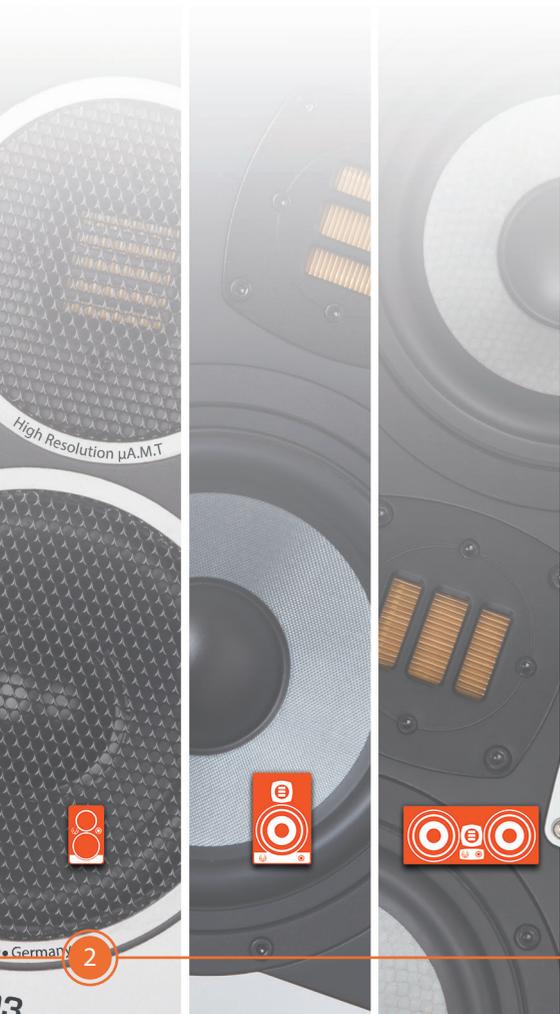
eve audio



Product Catalog 2015

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## About EVE Audio

Thank you for your interest in EVE Audio, the loudspeaker manufacturer from Berlin, Germany.

EVE Audio was founded in May 2011 and is owned by Dipl.-Ing. (FH) Roland Stenz, who graduated in electronics and studied Business Administration.

Roland possesses a true passion for quality audio and this has been evident throughout his long history within the audio industry.

During his career, Roland Stenz has worked in Research and Development for "Rundfunk- und Fernstechnisches Zentralamt RFZ", for a Berlin based Hi-Fi company and held a leading position at a well known, high-end reference monitor company for over 10 years.

His approach is to question the necessity

of each and every component in the audio circuitry, not only from an engineering point of view, but also from a user experience standpoint.

It soon became obvious that the answer was not in using off-the-shelf components, so the entire EVE Audio line was designed from the ground up. As such, most parts and components that can be found in EVE Audio speakers were produced according to Roland Stenz and his team's requirements.

The result is a complete range of active studio monitors and subwoofers, carefully designed to satisfy home recording users as well as studio professionals.

Many years of knowledge and experience are brought to EVE Audio – and we invite you to take a closer listen.



EVE Audio headquarter in Berlin (Germany) – Auditorium



EVE Audio headquarter in Berlin (Germany) – Production hall



# SC203

Our SC203 becomes one of those few examples where small also means powerful. With its compact size and small footprint the SC203 is the perfect solution for professional desktops with limited space and also for discerning home and gaming users. The SC203 uses a 3" multi-layer woofer coupled with a 1" voice coil capable of handling a longer linear excursion. With a 16 mm- height voice coil, a linear back and forth swing of 5 mm is easily achieved.

The simple goal of bringing the sound quality, low distortion and high resolution of our now famous A.M.T. tweeter to a much smaller format speaker required extensive R&D work to find the perfect solution for the SC203. In the end, a new tweeter was born: the new  $\mu$ A.M.T. Non-detachable loudspeaker grilles protect both, woofer and  $\mu$ A.M.T. tweeter against damage.

Please see pages 72-74 to learn more about our tweeter and woofer technology.

Each SC203 setup is configured as a 2-way master-slave system, and features four power amplifiers. Each woofer and tweeter gets its own dedicated 30 W PWM amplifier with separate filter section for precise control.

For optimal connectivity, the SC203 houses three inputs – analog RCA, digital optical and USB – which will allow you to conveniently connect a wide range of sources. A volume controlled subwoofer output lets you connect an additional subwoofer (TS107 or TS108) to the master speaker and create a powerful 2.1 system. A DIP switch located at the speaker's back panel allows you to select the SC203's

to work as "satellites" from 80Hz and upwards, or as full range units.

With every EVE Audio speaker you also get high resolution DSP electronics for very precise control over several filter sections, accurate volume control, phase settings and balance. And all of this is accomplished directly from the speaker's front panel using a unique high precision knob.

In order to eliminate all audible noise related to air turbulences and to extend the low end we implemented a passive radiator which sits on the backside of each speaker. That technology allows the system to go down to a surprisingly low 62Hz (-3dB).

For more details about our passive radiator technology or DSP concept please go to pages 76-77.

To further extend its flexibility, each speaker is provided with the FlexiPad, a v-notch shaped orange rubberized pad that allows you to decouple the speaker from its base and angle it precisely at 0°, 7.5° or 15°.

Accessories include our SC203 Mounting Adapter, which enables you to mount your speaker directly on any microphone or speaker stand that features a 3/8" thread. And why not combine it with our threaded wall mount adapter, and place your speaker directly on a wall, where it may be more convenient for your own space? The SC203 Mounting Adapter even makes good use of the included FlexiPad: by placing the FlexiPad between the speaker and the mounting adapter you are further decoupling unwanted resonances, and can even better arrange orientation for upright positioning at 0°. As expected, all necessary mounting screws are included.

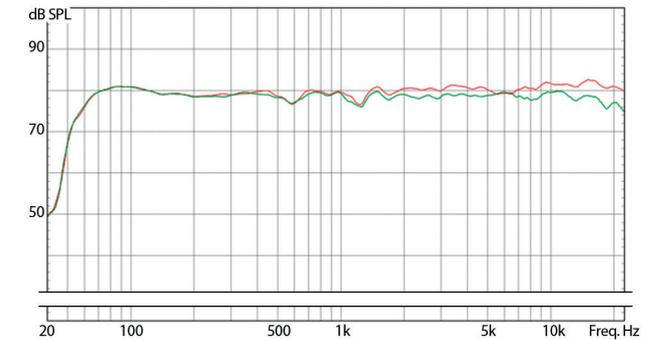


## SC203 Specs

Dimensions (WxHxD)	116 x 190 x 134 mm
Dimensions (WxHxD)	4.56" x 7.48" x 5.27"
Free-field freq. range (-3dB)	62Hz - 21kHz
Tweeter	µA.M.T.
Mid-Woofer	75mm/3"
Cross-over frequency	4800Hz
Maximum SPL @ 1m	94dB
Number of amplifiers	4
Output power (woofer)	30W
Output power (tweeter)	30W
Protection	Limiter
<b>Settings</b>	
Volume	-inf. - +6dB
High-shelf filter (-5dB - +3dB)	> 3kHz
Position	flat, desk, console
Low-shelf filter (-5dB - +3dB)	< 300Hz

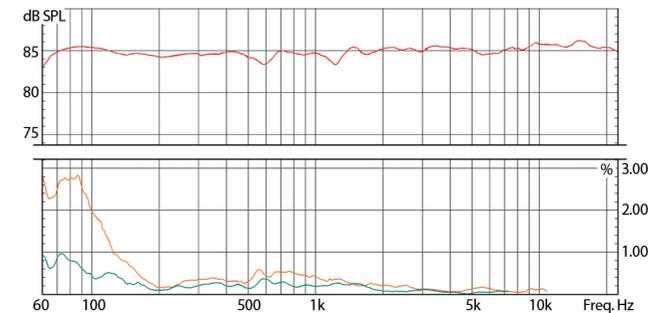
LED brightness setting	
Input select	
Input level dip switch	+8dBu/+22dBu
Standby dip switch	locks cont. mode
Satellite filter dip switch	80Hz HP filter
<b>Connectors</b>	
RCA in left-right	impedance 10k
Dig. optical input	TOSLink
USB input	Type B
RCA out	Sub out
<b>Power consumption</b>	
Standby	< 1W
Full output	110VA
<b>Misc.</b>	
Mounting option	
Weight (Master)	1.9 kg / 4.19 lb
Weight (Slave)	1.7 kg / 3.75 lb
Weight (Flexipad)	0.86 kg / 0.19 lb

## Frequency response



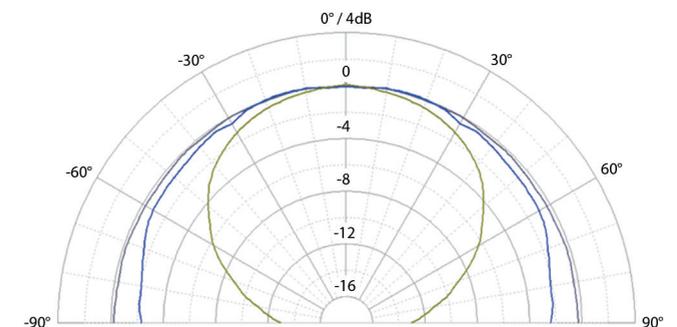
SC203: Free-field frequency response (1/6 oct.): 0° / 30° horizontal off-axis

## Distortion



SC203: Distortion 2nd / 3rd vs frequency response

## Horizontal dispersion



SC203: Polar pattern (1m): 200Hz / 1kHz / 5kHz





# SC204



The SC204 are the smallest speakers in our studio monitors line and possess a very little footprint. But don't let their size deceive you, these monitors sound bigger than many monitors twice their size!

The SC204 uses a 4" SilverCone woofer driven by a sophisticated low distortion copper cap magnet system with a 1" voice coil responsible for creating a greater linear excursion. This produces a bigger dynamic than one would assume in a monitor of such small proportions.

Our AMT tweeter is our own proprietary technology that follows the rule of not using "off-the-shelf components" in order to achieve superior results. The preciseness and detail in the high frequency range, coupled with the general tightness of the bass and mid-range, make the SC204 a superb speaker that is easily used on the road (due to its reduced size) or as a second pair of speakers for your main setup.

The SC204 is completed with two 50W PWM amplifiers.

Please see pages 72-74 to learn more about EVE Audio's tweeter and woofer technology.

The SC204 also have the convenience of threaded screw inserts on the bottom and the back. That way, you can mount your SC204 on a regular microphone or speaker stand, or use the back plate for different wall mounting options available on the market.

With every EVE Audio speaker, you also get high resolution DSP electronics for very precise control over several filter sections, accurate volume control and phase settings. And all of this accomplished directly from the speaker's front panel using a unique high precision knob.

We have optimized the bass port design on every EVE Audio monitor and opted for a large rear rectangular port with no hard edges.

For more details about our bass reflex design or DSP-concept please go to pages 76-77.



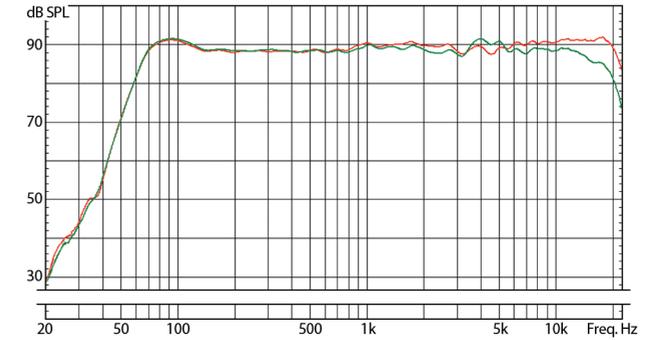
## SC204 Specs

Dimensions (WxHxD)	145 x 230 x 195 mm
Dimensions (WxHxD)	5.71" x 9.06" x 7.68"
Free-field freq. range (-3dB)	64Hz - 21kHz
Tweeter	AMT RS1
Mid-Woofer	100mm/4"
Cross-over frequency	3000Hz
Maximum SPL @ 1m	96dB
Number of amplifiers	2
Output power (woofer)	50W
Output power (tweeter)	50W
Protection	Limiter
<b>Settings</b>	
Volume	-inf. - +6dB
High-shelf filter (-5dB - +3dB)	> 3kHz

Desk filter boost (0dB - +3dB)	80Hz
Desk filter cut (-5dB - 0dB)	200Hz
Low-shelf filter (-5dB - +3dB)	< 300Hz
LED brightness setting	
Level-lock dip switch	
Filter-lock dip switch	
<b>Connectors</b>	
XLR in (impedance 10k)	
RCA in (impedance 10k)	
<b>Power consumption</b>	
Standby	< 1W
Full output	70VA
<b>Misc.</b>	
Backmounting thread inserts	
Mic stand thread inserts	
Weight	3.8 kg / 8.4 lb

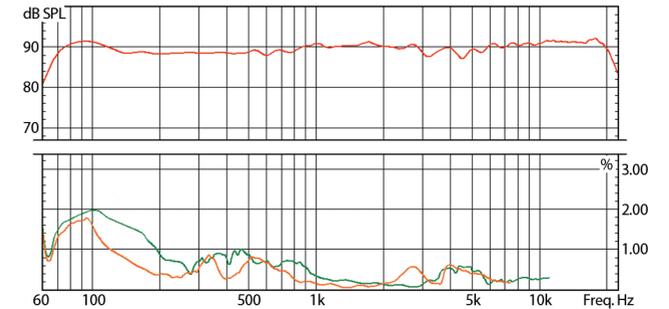


## Frequency response



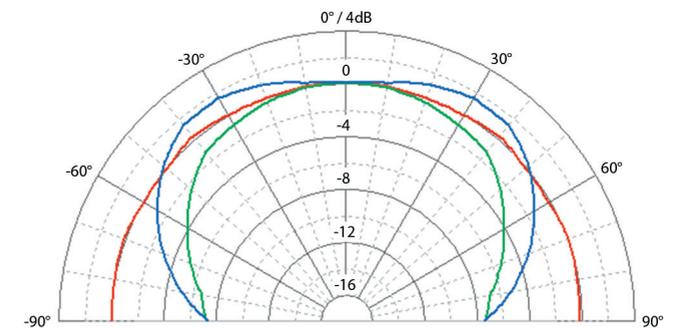
SC204: Free-field frequency response (1/6 oct.): 0° / 30° horizontal off-axis

## Distortion



SC204: Distortion 2nd / 3rd vs frequency response

## Horizontal dispersion



SC204: Polar pattern (1m): 200Hz / 1kHz / 5kHz



# SC205



The SC205 is a two-way system with our 5" woofer. It might seem like a small speaker, but it definitely packs a punch. With an extended bass frequency response and an astounding output level, the SC205 will easily fill your room with exceptional sound.

The SC205 uses our 5" SilverCone woofer that features a very stiff glass fibre coated diaphragm. It is driven by a sophisticated low distortion copper cap magnet system that uses a 1" voice coil responsible for delivering a greater linear excursion.

All in all, this produces a bigger dynamic range than you would naturally assume from a speaker of these proportions.

The result is an unsurpassed audio transparency that, when coupled with our proprietary AMT tweeter and PWM amplifier, will surprise you with a very powerful and precise low end.

Our Air Motion Transformer is our own proprietary technology that follows the rule of not using "off-the-shelf components" when looking for the best possible results. The preciseness and detail in the high frequency range, along with the general tightness of the bass

and mid-range frequencies, will make the SC205 equally adequate for use on the road or in studio.

Please see pages 72-74 to learn more about EVE Audio's tweeter and woofer technology.

With every EVE Audio speaker, you also get high resolution DSP electronics for very precise control over several filter sections, accurate volume control and phase settings. And all of this is accomplished directly from the speaker's front panel using a unique high precision knob.

We have optimized the bass port design on every EVE Audio monitor and opted for a large rear rectangular port with no hard edges.

For more details about our bass reflex design or DSP-concept please go to pages 76-77.

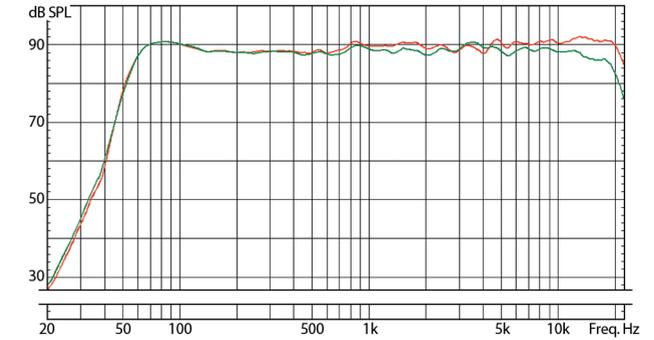
The SC205 also comes with the convenience of threaded screw inserts on the bottom and the back. That way, you can mount your SC205 on a regular microphone or speaker stand, or use the back plate for different wall mounting options available on the market.

## SC205 Specs

Dimensions (WxHxD)	175 x 275 x 233 mm
Dimensions (WxHxD)	6.89" x 10.83" x 9.18"
Free-field freq. range (-3dB)	53Hz - 21kHz
Tweeter	AMT RS1
Mid-Woofer	130mm/5"
Cross-over frequency	3000Hz
Maximum SPL @ 1m	101dB
Number of amplifiers	2
Output power (woofer)	50W
Output power (tweeter)	50W
Protection	Limiter
<b>Settings</b>	
Volume	-inf. - +6dB
High-shelf filter (-5dB - +3dB)	> 3kHz

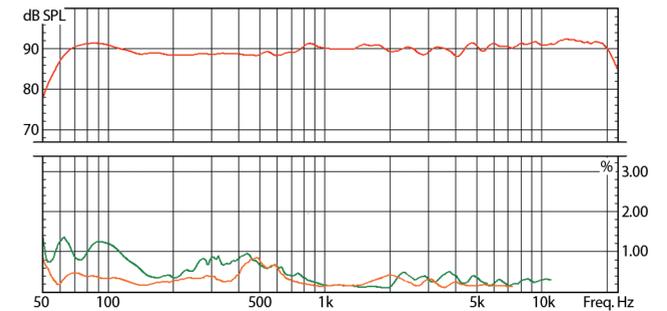
Desk filter boost (0dB - +3dB)	80Hz
Desk filter cut (-5dB - 0dB)	180Hz
Low-shelf filter (-5dB - +3dB)	< 300Hz
LED brightness setting	
Level-lock dip switch	
Filter-lock dip switch	
<b>Connectors</b>	
XLR in (impedance 10k)	
RCA in (impedance 10k)	
<b>Power consumption</b>	
Standby	< 1W
Full output	70VA
<b>Misc.</b>	
Backmounting thread inserts	
Mic stand thread inserts	
Weight	5 kg / 11 lb

## Frequency response



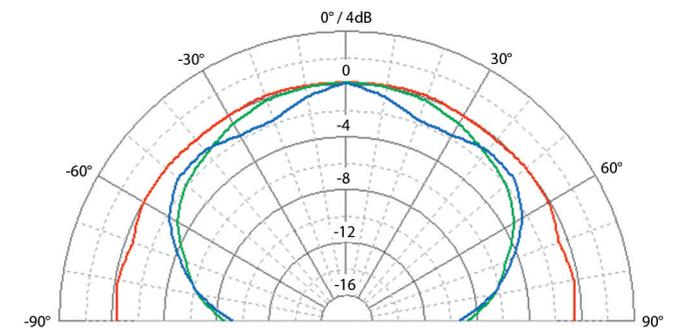
SC205: Free-field frequency response (1/6 oct.): 0° / 30° horizontal off-axis

## Distortion



SC205: Distortion 2nd / 3rd vs frequency response

## Horizontal dispersion



SC205: Polar pattern (1m): 200Hz / 1kHz / 5kHz

## Mounting & desktop solutions for SC203



SC203/FlexiPad combinations for different angles: 0°, 7,5° or 15°

## Mounting solutions for SC204 & SC205



SC205 with mic thread wall mount



SC205 with adapter plate + K&M 24471 swivelling and tiltable speaker wall mount



SC205 with rear panel wall mount



# SC207



The SC207 is our mid-range two-way monitor speaker and will be attractive to a large range of listeners, as its size and form factor make them appropriate for a lot of different rooms.

Are you a home-recording musician or producer? Not a problem. The SC207 has great power efficiency that will let you clearly examine what's happening in your music.

Are you a post-production professional working in a tight or smaller room? Not a problem. The modest and elegant size of the SC207, along with its quality precision, will make it great in your setup without overwhelming your working area.

Whatever you're doing, the SC207 will be there for you.

With the SC207, you get an extended bass frequency response (down to 44 Hz), courtesy of our 6.5" SilverCone woofer and driven by our sophisticated low distortion copper cap magnet system with our 1.5" voice coil. The result is a very tight and dynamic bass, along with the usual greater linear excursion.

A PWM amplifier section, with protection-limiting and capable of delivering a

short-term output power of 150W, guarantees that the SC207 will never run out of juice. And with a maximum output level of 106 dB (SPL @ 1m), you can be sure that there is plenty of power to make critical and precise judgements over your mixes.

The SC207 is also the first EVE monitor model that uses our proprietary AMT RS2. That means it can deliver a higher output level that is due to a bigger magnet system inside.

Please see pages 72-74 to learn more about EVE Audio's tweeter and woofer technology.

With every EVE Audio speaker, you also get high resolution DSP electronics for very precise control over several filter sections, accurate volume control and phase settings. And all of this is accomplished directly from the speaker's front panel using a unique high precision knob.

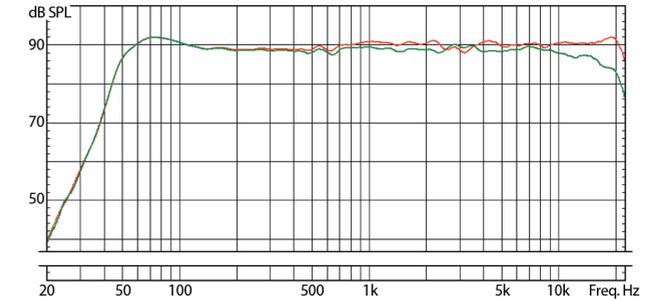
We have optimized the bass port design on every EVE Audio monitor and opted for a large rear rectangular port with no hard edges.

For more details about our bass reflex design or DSP-concept please go to pages 76-77.

## SC207 Specs

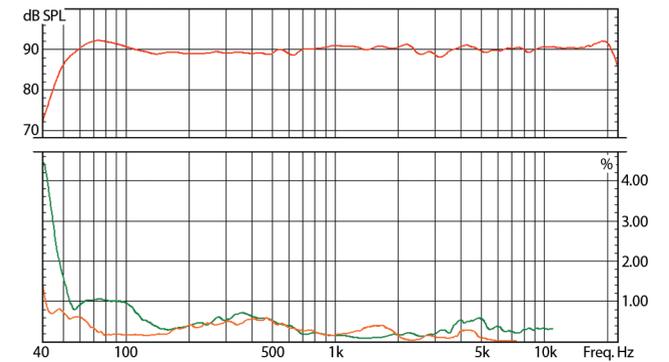
Dimensions (WxHxD)	215 x 330 x 280 mm
Dimensions (WxHxD)	8.46" x 12.99" x 11.02"
Free-field freq. range (-3dB)	44Hz - 21kHz
Tweeter	AMT RS2
Mid-Woofer	165mm/6.5"
Cross-over frequency	2800Hz
Maximum SPL @ 1m	106dB
Number of amplifiers	2
Output power (woofer)	100W
Output power (tweeter)	50W
Protection	Limiter
<b>Settings</b>	
Volume	-inf. - +6dB
High-shelf filter (-5dB - +3dB)	> 3kHz
Desk filter boost (0dB - +3dB)	80Hz
Desk filter cut (-5dB - 0dB)	170Hz
Low-shelf filter (-5dB - +3dB)	< 300Hz
LED brightness setting	
Level-lock dip switch	
Filter-lock dip switch	
<b>Connectors</b>	
XLR in (impedance 10k)	
RCA in (impedance 10k)	
<b>Power consumption</b>	
Standby	< 1W
Full output	120VA
<b>Misc.</b>	
Weight	8 kg / 17.6 lb

## Frequency response



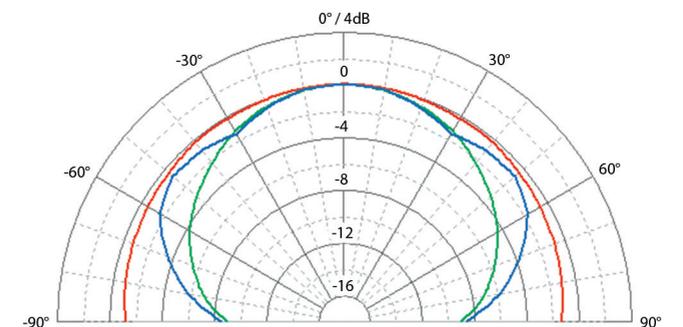
SC207: Free-field frequency response (1/6 oct.): 0° / 30° horizontal off-axis

## Distortion



SC207: Distortion 2nd / 3rd vs frequency response

## Horizontal dispersion



SC207: Polar pattern (1m): 200Hz / 1kHz / 5kHz



# SC208



Do you need to hear a tight and full-frequency bass in your mixes but don't want to invest in a subwoofer just yet? Are you looking for a capable and detailed set of above-average size monitors? Then the SC208 is probably for you.

It features the same ease of use and detailed timbre reproduction of all other two-way monitors. But with a larger woofer and more powerful amplifiers, the SC208 will probably be used as a main speaker in a lot of professional and home studios.

With the SC208, you will be able to extend your bass frequency response down to 36 Hz. Our custom-made 8" SilverCone woofer driven by a sophisticated low distortion copper cap magnet system with our 1,5" voice coil will guarantee that you will not run out of bass response when it comes to the critical listening and comparison of your mixes.

The result is a very tight and dynamic bass, along with the usual greater linear excursion provided in every other EVE Audio model.

Our PWM amplifier stage, with protection-limiting, is able to deliver a short-

term output power of 200W for a maximum output level of 112 dB (SPL @ 1m). So you can be sure that there will be plenty of power to make critical and precise judgements over your mixes.

The SC208 also uses our proprietary AMT RS2. The RS2 stands for Ribbon System 2, meaning it has a bigger front plate and a larger magnet driving the motion with the utmost efficiency.

Please see pages 72-74 to learn more about EVE Audio's tweeter and woofer technology.

With every EVE Audio speaker, you also get high resolution DSP electronics for very precise control over several filter sections, accurate volume control and phase settings. And all of this is accomplished directly from the speaker's front panel using a unique high precision knob.

We have optimized the bass port design on every EVE Audio monitor and opted for a large rear rectangular port with no hard edges.

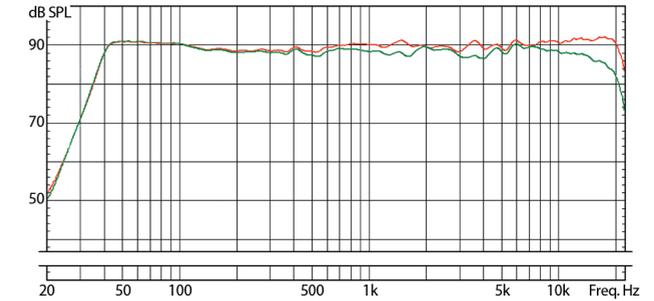
For more details about our bass reflex design or DSP-concept please go to pages 76-77.

## SC208 Specs

Dimensions (WxHxD)	255 x 390 x 330 mm
Dimensions (WxHxD)	10.04" x 15.35" x 12.99"
Free-field freq. range (-3dB)	36Hz - 21kHz
Tweeter	AMT RS2
Mid-Woofer	200mm/8"
Cross-over frequency	2800Hz
Maximum SPL @ 1m	112dB
Number of amplifiers	2
Output power (woofer)	150W
Output power (tweeter)	50W
Protection	Limiter
<b>Settings</b>	
Volume	-inf. - +6dB

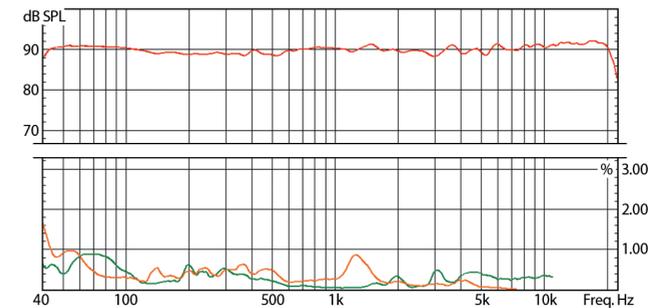
High-shelf filter (-5dB - +3dB)	> 3kHz
Desk filter boost (0dB - +3dB)	80Hz
Desk filter cut (-5dB - 0dB)	160Hz
Low-shelf filter (-5dB - +3dB)	< 300Hz
LED brightness setting	
Level-lock dip switch	
Filter-lock dip switch	
<b>Connectors</b>	
XLR in (impedance 10k)	
RCA in (impedance 10k)	
<b>Power consumption</b>	
Standby	< 1W
Full output	170VA
<b>Misc.</b>	
Weight	8 kg / 17.6 lb

## Frequency response



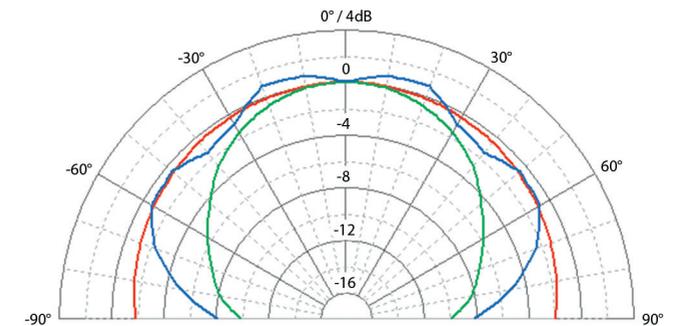
SC208: Free-field frequency response (1/6 oct.): 0° / 30° horizontal off-axis

## Distortion



SC208: Distortion 2nd / 3rd vs frequency response

## Horizontal dispersion



SC208: Polar pattern (1m): 200Hz / 1kHz / 5kHz



Symmetry Recordings Studio (UK) – DJ Break uses 2 x SC208 + TS112

Mart Sound Production (Ukraine) – Alexey Mazur uses 2 x SC307  
Les Liens du Son (France) – François-Maxime Boutault uses 2 x SC307

## SC305 & SC307

Our three-way systems are designed around the concept to distribute the frequencies properly between all individual components and raise the efficiency of your speakers effectively.

Both models of our three-way system monitors were carefully designed to be equally comfortable and precise in a stereo or surround set up. In the latter case, the SC305 and SC307 will also work perfectly as a center channel.

With our SC305 and SC307 one of the woofers is delivering sound only up to 350 Hz and 300 Hz respectively, functioning as a kind of “bass woofer”. The other woofer gives you a fuller range up to the 3000 Hz crossover frequency as a bass-midrange driver.

This means less effective physical work being made by each individual woofer, which in turn will result in less mechanical inertia and a more efficient sound transmission.

And no worries determining how to

place the SC305 or SC307 in your room or studio properly. Our DSP section will assist you in choosing the speaker for left and right hand side. So you will always get proper symmetry between your speakers, instead of having to move them around as usual. With a DIP switch, located on the rear of the speakers, these settings for room adaption can be temporary locked.

With every EVE Audio speaker, you also get high resolution DSP electronics for very precise control over several filter sections, accurate volume control and phase settings. And all of this is accomplished directly from the speaker's front panel using a unique high precision knob.

We have optimized the bass port design on every EVE Audio monitor and opted for a large rear rectangular port with no hard edges.

For more details about our bass reflex design or DSP-concept please go to pages 76-77.





# SC305



The SC305 combines the power from three different amplifiers to deliver a very efficient, dynamic and low noise sound reproduction.

With its moderate size and superb technical characteristics, the SC305 model has virtually no competition on the market today. Don't miss the chance to check them out for yourself!

With the SC305 one of the woofers is delivering sound only up to 350 Hz, functioning as a kind of "bass woofer". The other woofer gives you a fuller range up to the 3000 Hz crossover frequency as a bass-midrange driver.

Both woofers consist of our proprietary 5" SilverCone, the same that is used in the smaller SC205 model and features our sophisticated low distortion copper

cap magnet system. However, due to the fact that two of these woofers are being used simultaneously, you get a bigger frequency response - down to 50 Hz.

The SC305 also makes use of the proprietary AMT RS3 tweeter, which uses a bigger front plate and a bigger internal magnet to drive the AMT tweeter with greater efficiency.

Please see pages 72-74 to learn more about EVE Audio's tweeter and woofer technology.

The three 50 W PWM power amplifiers won't leave you lacking any power either.

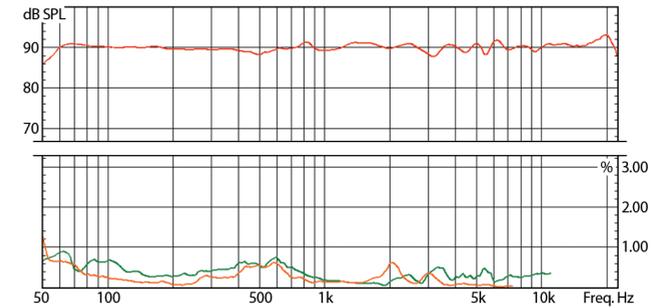
All in all, the SC305 will probably be regarded as the single most detailed three-way monitor speaker in the market for its specific size and price range.

## SC305 Specs

Dimensions (WxHxD)	425 x 180 x 250 mm
Dimensions (WxHxD)	16.73" x 7.09" x 9.84"
Free-field freq. range (-3dB)	50Hz - 21kHz
Tweeter	AMT RS3
Mid-Woofer	130mm/5"
Woofers	130mm/5"
Cross-over frequencies	350Hz/3000Hz
Maximum SPL @ 1m	108dB
Number of amplifiers	3
Output power (woofers)	2 x 50W
Output power (tweeter)	50W
Protection	Limiter
<b>Settings</b>	
Volume	-inf. - +6dB

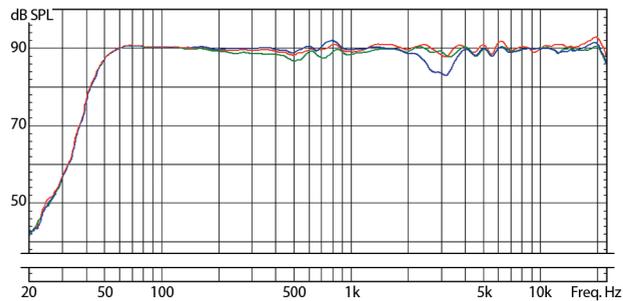
High-shelf filter (-5dB - +3dB)	> 3kHz
Desk filter boost (0dB - +3dB)	80Hz
Desk filter cut (-5dB - 0dB)	180Hz
Low-shelf filter (-5dB - +3dB)	< 300Hz
LED brightness setting	
Level-lock dip switch	
Filter-lock dip switch	
Woofers-Sel. dip switch	
<b>Connectors</b>	
XLR in (impedance 10k)	
RCA in (impedance 10k)	
<b>Power consumption</b>	
Standby	< 1W
Full output	110VA
<b>Misc.</b>	
Weight	8.5kg/18.7lb

## Distortion

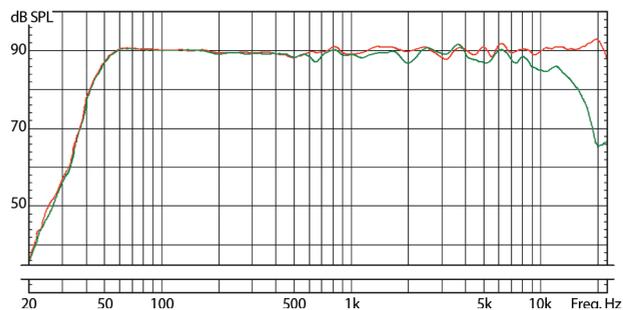


SC305: Distortion 2nd / 3rd vs frequency response

## Frequency response

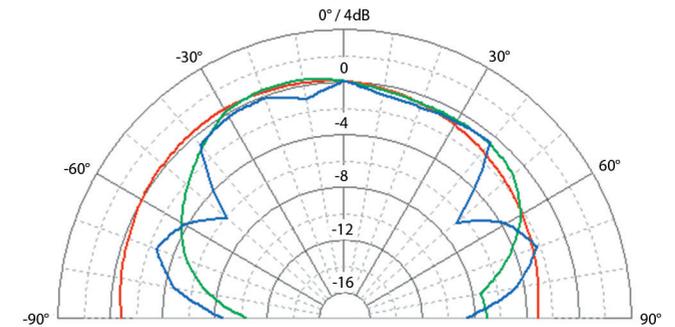


SC305, horizontal placement: Free-field frequency response (1/6 oct.): -15° / 0° / +15° horizontal off-axis

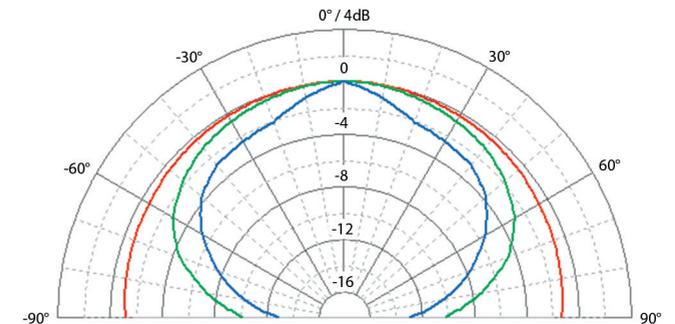


SC305, vertical placement: Free-field frequency response (1/6 oct.): 0° / 30° horizontal off-axis

## Horizontal dispersion



SC305, horizontal placement: Polar pattern (1m): 200Hz / 1kHz / 5kHz



SC305, vertical placement: Polar pattern (1m): 200Hz / 1kHz / 5kHz



# SC307



The SC307 is the second model in our three-way system monitor range. This powerful monitor is perfectly suited for both near- and midfield monitoring. And, in surround set ups, the SC307 will work excellently as a center channel too.

Both woofers consist of our proprietary 6.5" SilverCone, the same that is used in our two-way system, the SC207, and feature our sophisticated low distortion copper cap magnet system. However, due to the fact that two of these woofers are being used simultaneously, you get a bigger frequency response down to 40 Hz.

One of the woofers serves frequencies up to 300 Hz as a kind of "bass" whilst the other woofer gives you a fuller range as a bass-midrange driver, up to the 3000 Hz crossover frequency. From that frequency

on, our AMT tweeter takes over.

This minimizes interference between the drivers and also allows the SC307 to deliver a very efficient and dynamic sound reproduction.

The SC307 also makes use of the proprietary AMT RS2 tweeter, which uses a bigger front plate, and a bigger internal magnet to drive the AMT tweeter with greater efficiency.

Please see pages 72-74 to learn more about EVE Audio's tweeter and woofer technology.

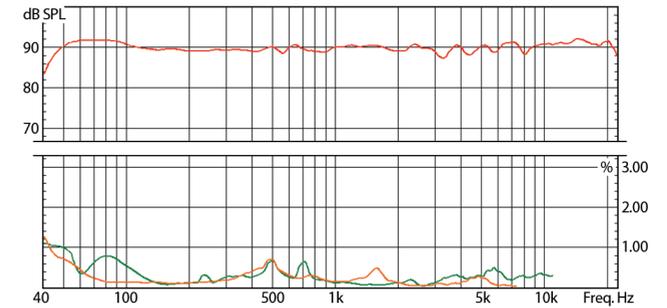
The three 2x100 + 50 W PWM power amplifiers won't leave you lacking any power either, as the maximum sound pressure level of 114 dB (SPL @ 1m) will attest.

## SC307 Specs

Dimensions (WxHxD)	500 x 215 x 310 mm
Dimensions (WxHxD)	19.69" x 8.46" x 12.2"
Free-field freq. range (-3dB)	40Hz - 21kHz
Tweeter	AMT RS2
Mid-Woofer	165mm/6.5"
Woofers	165mm/6.5"
Cross-over frequencies	300Hz/2800Hz
Maximum SPL @ 1m	114dB
Number of amplifiers	3
Output power (woofers)	2 x 100W
Output power (tweeter)	50W
Protection	Limiter
<b>Settings</b>	
Volume	-inf. - +6dB

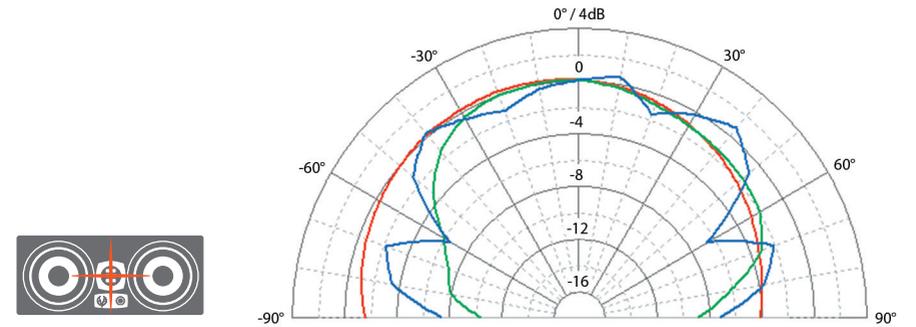
High-shelf filter (-5dB - +3dB)	> 3kHz
Desk filter boost (0dB - +3dB)	80Hz
Desk filter cut (-5dB - 0dB)	160Hz
Low-shelf filter (-5dB - +3dB)	< 300Hz
LED brightness setting	
Level-lock dip switch	
Filter-lock dip switch	
Woofers-Sel. dip switch	
<b>Connectors</b>	
XLR in (impedance 10k)	
RCA in (impedance 10k)	
<b>Power consumption</b>	
Standby	< 1W
Full output	120VA
<b>Misc.</b>	
Weight	12.4 kg / 27.3 lb

## Distortion



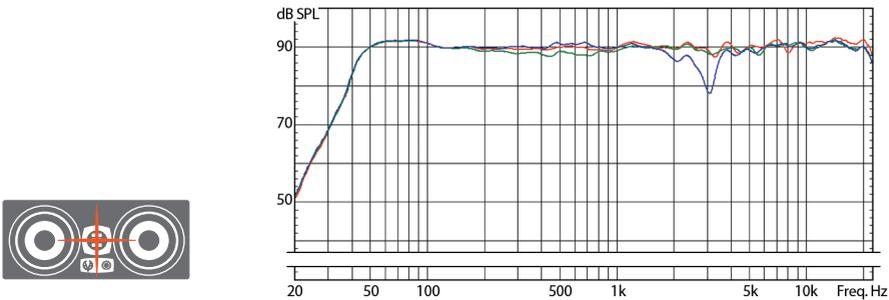
SC307: Distortion 2nd / 3rd vs frequency response

## Horizontal dispersion

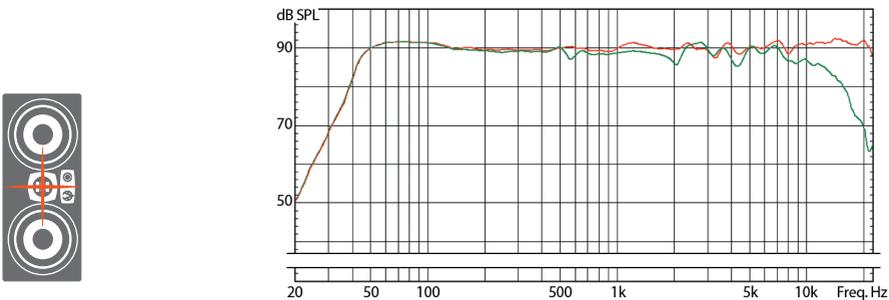


SC307, horizontal placement: Polar pattern (1m): 200Hz / 1kHz / 5kHz

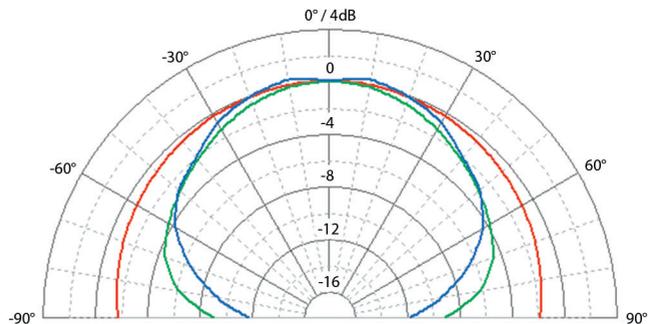
## Frequency response



SC307, horizontal placement: Free-field frequency response (1/6 oct.): -15° / 0° / +15° horizontal off-axis



SC307, vertical placement: Free-field frequency response (1/6 oct.): 0° / 30° horizontal off-axis



SC307, vertical placement: Polar pattern (1m): 200Hz / 1kHz / 5kHz

Music department's Studio, University of Northampton (UK) – 2 x SC407  
High Tide Studio (Germany) – 2 x SC408

## SC407 & SC408



If you are looking for a combination of both quality precision and power for your main studio speakers, you can't go wrong with the SC4 series.

Both models – the SC407 and SC408 – feature a very powerful amplifier array, with one amplifier per driver.

The larger woofers duplicate all frequencies up to a certain crossover frequency. The mid-range woofer picks up from there. This also means all our four-way speakers are symmetrical, as the woofers do not serve different frequency bands, but essentially duplicating the bass frequencies with an utmost preciseness.

The result?

Incredible bass reproduction, a very linear response, and plenty of power to shake up your main studio control room.

The stylish grey plate in the middle of the speaker not only houses the mid-range woofer and AMT tweeter, but it can also be rotated to place your speaker vertically or horizontally.

With every EVE Audio speaker, you also get high resolution DSP electronics for very precise control over several filter sections, accurate volume control and phase settings. And all of this is accomplished directly from the speaker's front panel using a unique high precision knob.

We have also optimized the bass port design on every EVE Audio monitor and opted for a large rear rectangular port with no hard edges.

For more details about our bass reflex design or DSP-concept please go to pages 76-77.



# SC407



Our SC407 is the smaller monitor in our range of four-way systems, but it's by no means small!

Two 6.5" SilverCone woofers with a specially made its sophisticated 1.5" voice coil extend the bass frequency response down to 35Hz and work simultaneously up to 280Hz.

An extra-developed 4" SilverCone mid-range unit joins these high quality bass drivers that endows these speakers with a greater linear excursion and clear and accurate midranges. The bass and mid woofers in our SC407 feature our very low distortion copper cap magnet system. They combine our unique glass fibre coated diaphragms to deliver sound spectacularly detailed and clear.

Our proprietary AMT RS3 tweeter houses a bigger magnet system to deliver a

higher output level with virtually no distortion, even at high output levels.

Please see pages 72-74 to learn more about EVE Audio's tweeter and woofer technology.

Each driver is provided with its own separate PWM amplifier and able to deliver a total short-term output power of 590W. With a maximum output level of 116dB (SPL @ 1 m) you'll definitely be able to judge your mixes precisely, whatever their intended output level is.

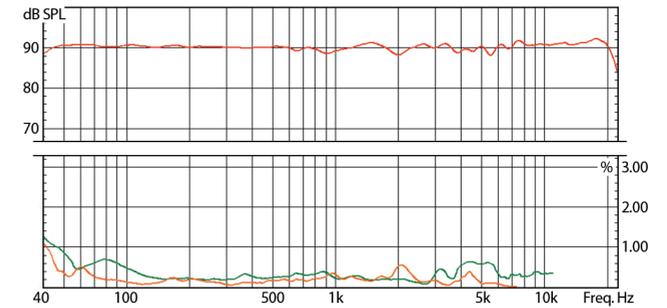
As the SC407 combines perfectly powerful bass with a very transparent mid-range and crystal clear high frequencies, it is predestined to be the perfect tool for mid-to-large size control rooms, where quality and consistent power output are the most important variables.

## SC407 Specs

Dimensions (WxHxD)	600 x 260 x 320 mm
Dimensions (WxHxD)	23.62" x 10.24" x 12.6"
Free-field freq. range (-3dB)	35Hz - 21kHz
Tweeter	AMT RS3
Mid-Driver	100mm/4"
Woofers	2 x 165mm/6.5"
Cross-over frequencies	280Hz/3000Hz
Maximum SPL @ 1m	116dB
Number of amplifiers	4
Output power (woofers)	2 x 185W
Output power (Mid-driver)	180W
Output power (tweeter)	50W
Protection	Limiter
<b>Settings</b>	
Volume	-inf. - +6dB

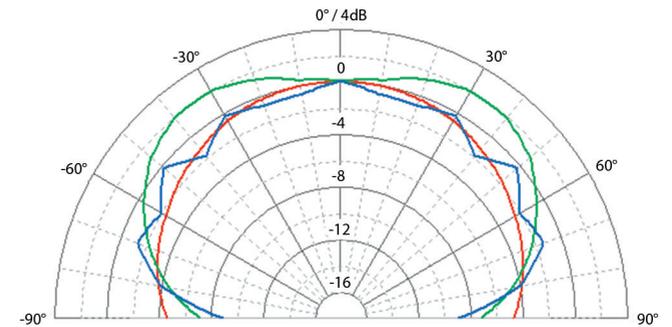
High-shelf filter (-5dB - +3dB)	> 3kHz
Desk filter boost (0dB - +3dB)	80Hz
Desk filter cut (-5dB - 0dB)	160Hz
Low-shelf filter (-5dB - +3dB)	< 300Hz
LED brightness setting	
Level-lock dip switch	
Filter-lock dip switch	
Input level dip switch	+7dBu/+22dBu
<b>Connectors</b>	
XLR in (impedance 10k)	
RCA in (impedance 10k)	
<b>Power consumption</b>	
Standby	< 1W
Full output	300VA
<b>Misc.</b>	
Weight	18 kg / 39.7 lb

## Distortion

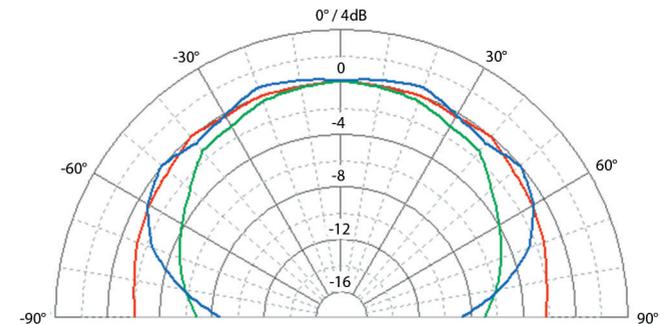


SC407: Distortion 2nd / 3rd vs frequency response

## Horizontal dispersion

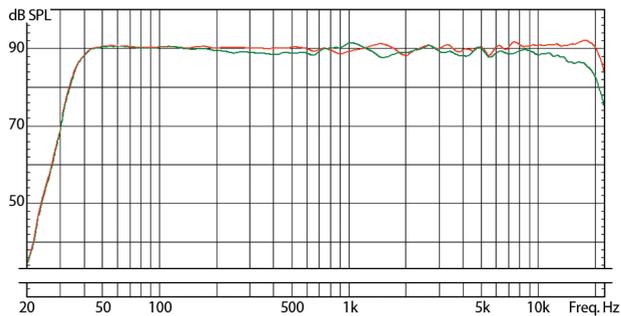


SC407, horizontal configuration: Polar pattern (1m): 200Hz / 1kHz / 5kHz

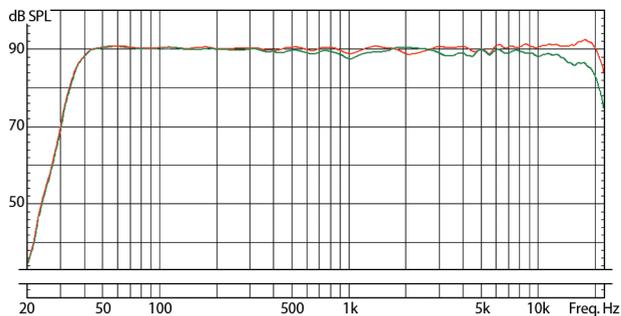


SC407, vertical configuration: Polar pattern (1m): 200Hz / 1kHz / 5kHz

## Frequency response



SC407, horizontal configuration: Free-field frequency response (1/6 oct.): 0° / 30° horizontal off-axis



SC407, vertical configuration: Free-field frequency response (1/6 oct.): 0° / 30° horizontal off-axis



# SC408



The SC408 is the largest four-way system monitor that EVE Audio produces and the perfect choice for larger control rooms where engineers look for the correct combination of power and precision.

A pair of 8" SilverCone woofers covers the frequency range from an earthshattering 32 up to 250Hz. This will guarantee you a powerful, accurate and tight bass reproduction. A sophisticated low distortion copper cap magnet system and 1.5" voice coil are responsible for creating a greater linear excursion, which will give you a very clear and accurate bass.

A 5" midrange unit that also features our very low distortion copper cap magnet system and our Air Motion Transformer RS3 complete the system. The AMT RS3 – the same as in the SC407 model – houses a bigger magnet system to deliver a

higher output level with virtually less distortion.

Please see pages 72-74 to learn more about EVE Audio's tweeter and woofer technology.

Each driver is provided with its own separate PWM amplifier that is able to deliver a total short-term output power of 800 W. With a maximum output level of 118dB (SPL @ 1 m), there's plenty of power to keep the air moving, even in the larger control rooms.

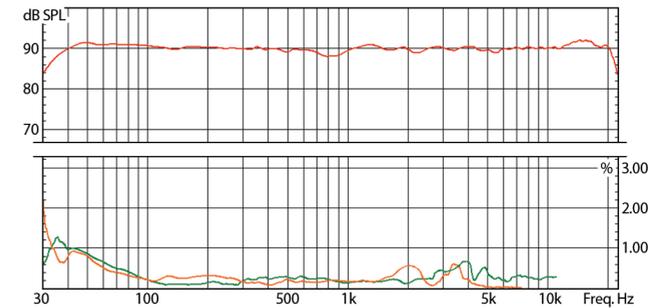
The SC408 combines a perfectly powerful bass with a transparent mid-range and crystal clear high frequency reproduction. For those reasons, we believe it will be the tool of choice for most mid-size to larger control rooms and studios.

## SC408 Specs

Dimensions (WxHxD)	710 x 330 x 440 mm
Dimensions (WxHxD)	27.95" x 12.99" x 17.32"
Free-field freq. range (-3dB)	32Hz - 21kHz
Tweeter	AMT RS3
Mid-Driver	130mm/5"
Woofers	2 x 200mm/8"
Cross-over frequencies	250Hz/3000Hz
Maximum SPL @ 1m	118dB
Number of amplifiers	4
Output power (woofers)	2 x 250W
Output power (Mid-driver)	250W
Output power (tweeter)	50W
Protection	Limiter
<b>Settings</b>	
Volume	-inf. - +6dB

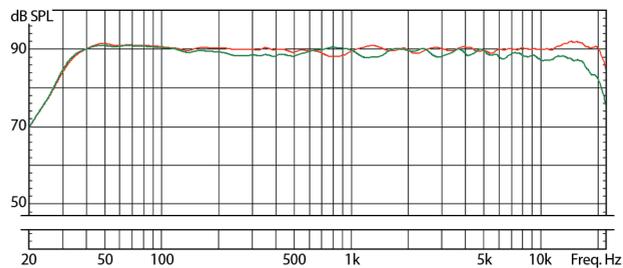
High-shelf filter (-5dB - +3dB)	> 3kHz
Desk filter boost (0dB - +3dB)	80Hz
Desk filter cut (-5dB - 0dB)	160Hz
Low-shelf filter (-5dB - +3dB)	< 300Hz
LED brightness setting	
Level-lock dip switch	
Filter-lock dip switch	
Input level dip switch	+7dBu/+22dBu
<b>Connectors</b>	
XLR in (impedance 10k)	
RCA in (impedance 10k)	
<b>Power consumption</b>	
Standby	< 1W
Full output	350VA
<b>Misc.</b>	
Weight	29.5 kg / 65 lb

## Distortion

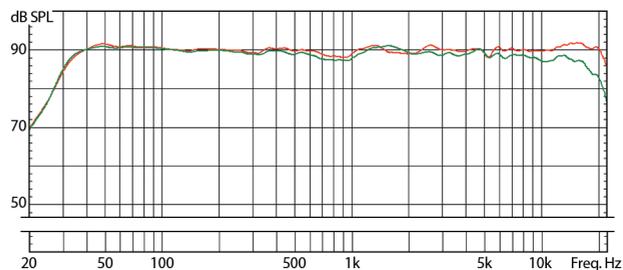


SC408: Distortion 2nd / 3rd vs frequency response

## Frequency response

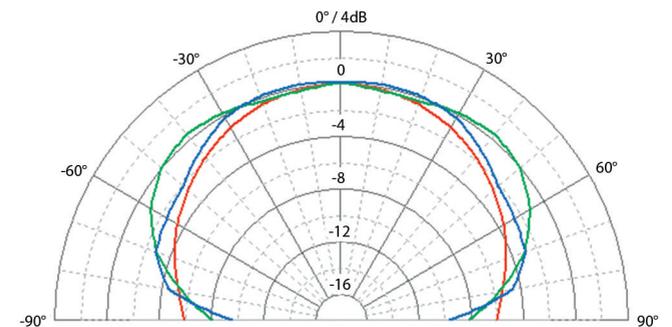


SC408, horizontal configuration: Free-field frequency response (1/6 oct.): 0° / 30° horizontal off-axis

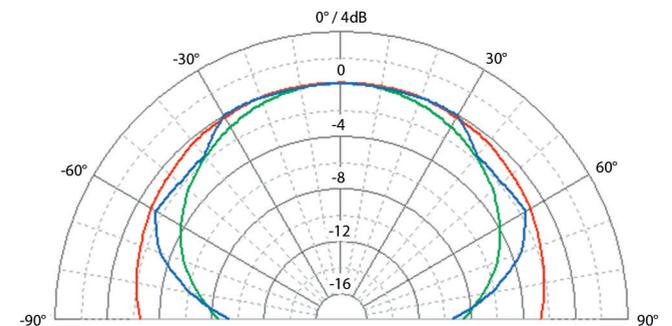


SC408, vertical configuration: Free-field frequency response (1/6 oct.): 0° / 30° horizontal off-axis

## Horizontal dispersion



SC408, horizontal configuration: Polar pattern (1m): 200Hz / 1kHz / 5kHz



SC408, vertical configuration: Polar pattern (1m): 200Hz / 1kHz / 5kHz



## SC3010 & SC3012



For large recording and mastering studios, film and television post-production facilities, cinema applications and in-wall installations, nothing beats our main monitoring systems; SC3010 and SC3012.

Both models feature a very powerful amplifier array, with one amplifier custom specified per driver. The drivers found in these models were completely developed from scratch to deliver a perfect balance of high sound pressure levels, low distortion and optimised directivity. Each and every driver works efficiently and effectively within its specified frequency range, exactly as intended.

The SC3010/SC3012 systems were also built with in-wall installations in mind. When used in this manner, acoustic filter modifications can be engaged by adjusting the filter controls to "inwall". We've even provided a set of high-density quality foam so that the backfiring bass ports can be physically closed, improving the quality and focus of the speaker's response.

The stylish silver centre module, which houses the midrange driver and AMT

tweeter, can be rotated 90-degrees, allowing the speakers to be positioned either horizontally or vertically. This helps to preserve control room sight lines and further optimises acoustic performance. We've also taken great care in the design of the front of the speaker, using an ultra-stiff front plate made out of a combination of rigid plywood and a special inner construction to reduce unwanted resonances.

With every EVE Audio speaker, you also get high resolution DSP electronics for a very precise control over several filter sections, accurate volume control and phase settings. And all of this is accomplished directly from the speaker's front panel using a unique high precision rotary encoder.

A lot of attention went into the development of our bass ports. After much deliberation we opted for a large rear rectangular port with no hard edges, as these provided the best results without unwanted side effects.

For more details about our bass reflex design or DSP-concept please go to pages 76-77.



# SC3010



## SC3010 – the smallest of the biggest

The SC3010 is the smallest in our range of main monitors, and it's a high resolution speaker that is able to reproduce the entire audible frequency range with an ultra-low level of distortion.

One 10" SilverCone bass woofer, with an extreme long excursion, provides for an extraordinarily clean low frequency reproduction down to 29 Hz (-3 dB). Its hexagonal glass fibre layered diaphragm will easily reproduce all audio content, even at higher than usual SPL's.

The SC3010 also features our newly developed 5" midrange unit. Its glass fibre layered Rohacel™ sandwich diaphragm delivers a clear and detailed midrange frequency reproduction. Both the 10" SilverCone woofer and 5" SilverCone midrange are equipped with our very low distortion copper cap magnet system.

And then you have our new and unique Air Motion Transformer RS6, which is exclusive to the SC3010 and SC3012 monitors. This new AMT is 2.5 times bigger than the RS1, RS2 and RS3 Air Motion Transformer units, and it is a crucial part of the system as it helps to couple the middle and high frequencies with great precision. Our team was able to engineer the RS6 to set its crossover frequency at 1800 Hz, a very important frequency for human hearing and subsequently, music

production.

The result? Smooth directivity, very low distortion and a well defined middle and upper frequency range.

Our proprietary AMT RS6 will redefine your perception of how a tweeter should perform. The RS6 was especially designed for unparalleled precise reproduction, even at high output levels, which will definitely help you take your mixes to the next level.

Please see pages 72-74 to learn more about EVE Audio's driver technology.

Each driver in the SC3010 is serviced by its own PWM amplifier. The tweeter and midrange sections each feed off their own 250 W amplifier, while the bass woofer is amplified by a bridged 800 W PWM module. Naturally, all drivers are protected with a limiter detection circuit. With a maximum output of 114 dB (SPL @ 1 m), you will definitely be able to judge your mixes precisely, whatever their final intended output level is.

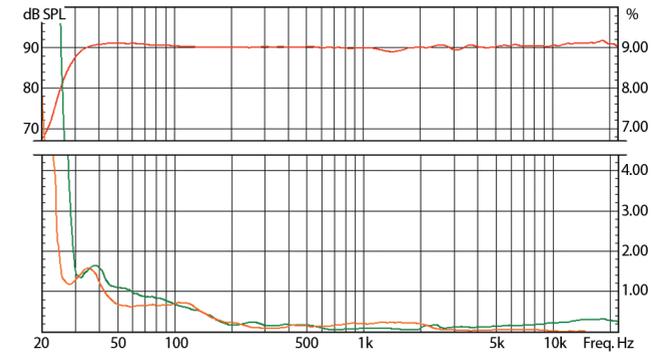
The SC3010 is a three-way system that combines powerful bass reproduction with a very transparent and present mid-range and crystal clear high frequency reproduction. Make no mistakes: whether you're producing your new hip-hop hit or mastering the contemporary works, the SC3010's will be there for you and they will tell it like it is. Bad mixes no longer have a place to hide.

## SC3010 Specs

Dimensions (WxHxD)	380 x 580 x 440 mm
Dimensions (WxHxD)	14.96" x 22.83" x 17.32"
Free-field freq. range (-3dB)	29Hz - 21kHz
Tweeter	AMT RS6
Mid-Driver	130mm/5"
Woofer	250mm/10"
Cross-over frequencies	240Hz/1800Hz
Maximum SPL @ 1m	114dB
Number of amplifiers	3
Output power (woofer)	800W
Output power (Mid-driver)	250W
Output power (tweeter)	250W
Protection	Limiter
<b>Settings</b>	
Volume	-inf. - +6dB

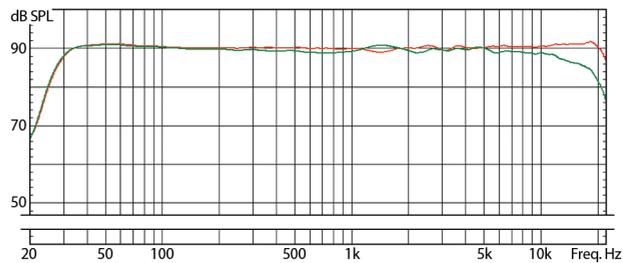
High-shelf filter (-5dB - +3dB)	> 3kHz
Desk filter boost (0dB - +3dB)	80Hz
Desk filter cut (-5dB - 0dB)	160Hz
Low-shelf filter (-5dB - +3dB)	< 300Hz
LED brightness setting	
Level-lock dip switch	
Filter-lock dip switch	
Input level dip switch	+7dBu/+22dBu
<b>Connectors</b>	
XLR in (impedance 10k)	
RCA in (impedance 10k)	
<b>Power consumption</b>	
Standby	< 1W
Full output	1000VA
<b>Misc.</b>	
Weight	37 kg / 81.6 lb

## Distortion

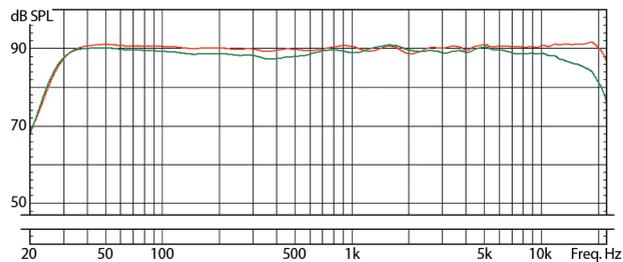
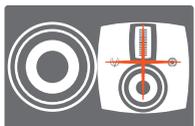


SC3010: Distortion 2nd / 3rd vs frequency response

## Frequency response

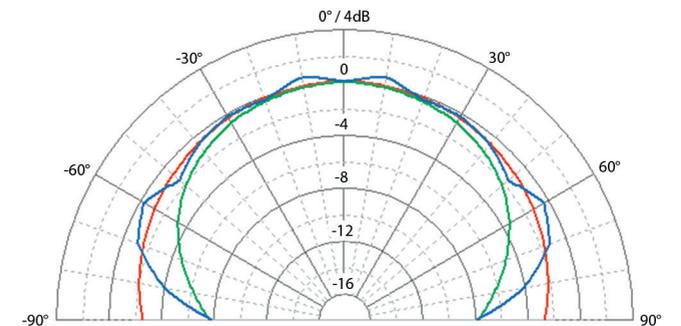


SC3010, vertical configuration: Free-field frequency response (1/6 oct.): 0° / 30° horizontal off-axis

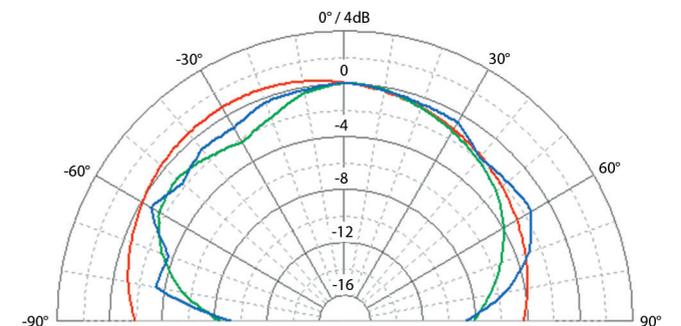
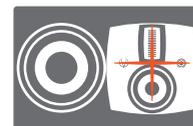


SC3010, horizontal configuration: Free-field frequency response (1/6 oct.): 0° / 30° horizontal off-axis

## Horizontal dispersion



SC3010, vertical configuration: Polar pattern (1m): 200Hz / 1kHz / 5kHz



SC3010, horizontal configuration: Polar pattern (1m): 200Hz / 1kHz / 5kHz



# SC3012



## SC3012 - power and precision

The SC3012 is a high-resolution speaker, which sits at the crossroads of power and precision. This monitor is perfectly at home in any serious recording or mastering studio.

One sophisticated 12" SilverCone is in charge of covering a frequency range that goes as low as 25Hz (-3dB). Its long excursion driver will easily reproduce the lowest frequencies with an extraordinarily low harmonic distortion level. The SC3012 also features our newly developed 5" midrange unit. Its glass fibre layered Rohacel™ sandwich diaphragm is responsible for clear and detailed mid-range frequency reproduction. Both the 12" SilverCone woofer and 5" SilverCone midrange are equipped with our very low distortion copper cap magnet system.

The Air Motion Transformer (AMT) RS6 completes the system. Due to its larger size, when compared with the RS1/2/3 AMT's (2.5 x times larger), the RS6 was developed to allow the SC3010/SC3012 to couple a faithful high frequency reproduction along with a clear and detailed

high mid-range.

The crossover frequency goes down to 1800Hz, ensuring a smooth directivity, and a very well defined mid to high-range response.

For more information about our Air Motion Transformer technology, please visit page 72.

Each driver is powered by its own custom specified PWM amplifier. Tweeter and midrange are supported with a 250W amplifier each while the bass woofer is amplified with a bridged 800W PWM module. All drivers are protected with a limiter detection circuit.

With a maximum output level of 118dB (SPL @ 1 m) you'll easily be able to judge your mixes precisely, whatever their intended output level is.

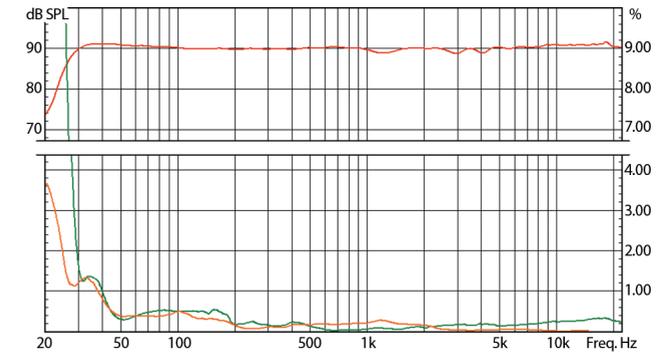
Simply put, the SC3012 is the perfect match of robustness and accuracy, where the whole becomes more than the sum of the parts. The SC3012 represents the pinnacle of EVE Audio engineering, our flagship model, and with good reason. This is the monitor you have been looking for.

## SC3012 Specs

Dimensions (WxHxD)	435 x 650 x 490 mm
Dimensions (WxHxD)	17.13" x 25.59" x 19.29"
Free-field freq. range (-3dB)	25Hz - 21kHz
Tweeter	AMT RS6
Mid-Driver	130mm/5"
Woofer	300mm/12"
Cross-over frequencies	220Hz/1800Hz
Maximum SPL @ 1m	118dB
Number of amplifiers	3
Output power (woofer)	800W
Output power (Mid-driver)	250W
Output power (tweeter)	250W
Protection	Limiter
<b>Settings</b>	
Volume	-inf. - +6dB

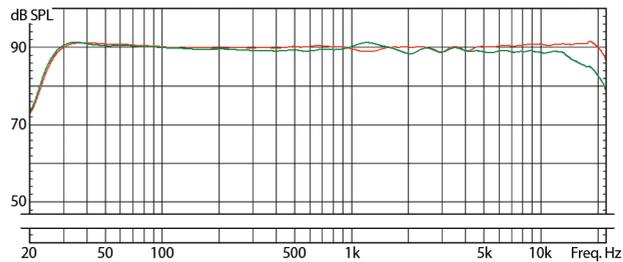
High-shelf filter (-5dB - +3dB)	> 3kHz
Desk filter boost (0dB - +3dB)	80Hz
Desk filter cut (-5dB - 0dB)	160Hz
Low-shelf filter (-5dB - +3dB)	< 300Hz
LED brightness setting	
Level-lock dip switch	
Filter-lock dip switch	
Input level dip switch	+7dBu/+22dBu
<b>Connectors</b>	
XLR in (impedance 10k)	
RCA in (impedance 10k)	
<b>Power consumption</b>	
Standby	< 1W
Full output	1000VA
<b>Misc.</b>	
Weight	44 kg / 97 lb

## Distortion

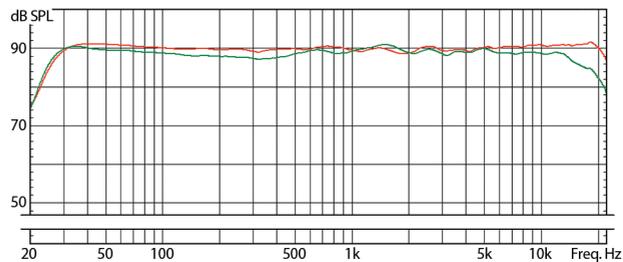
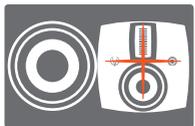


SC3012: Distortion 2nd / 3rd vs frequency response

## Frequency response

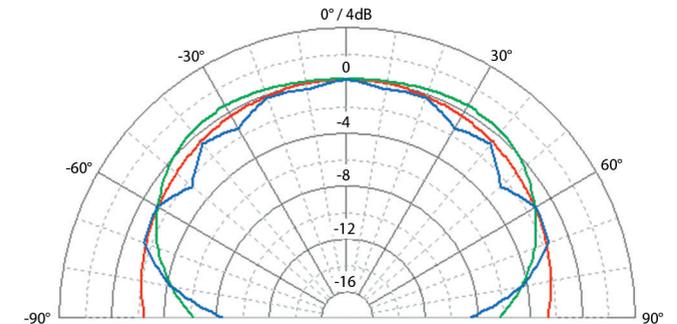


SC3012, vertical configuration: Free-field frequency response (1/6 oct.): 0° / 30° horizontal off-axis

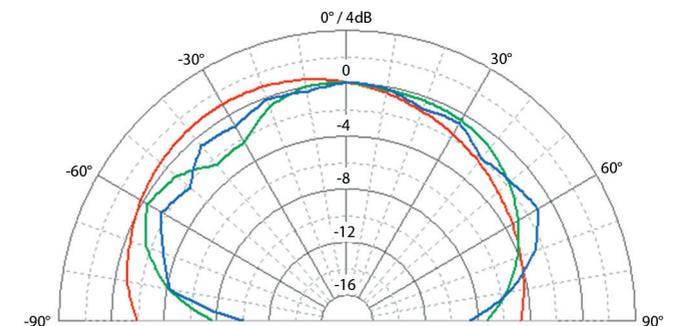
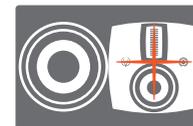


SC3012, horizontal configuration: Free-field frequency response (1/6 oct.): 0° / 30° horizontal off-axis

## Horizontal dispersion



SC3012, vertical configuration: Polar pattern (1m): 200Hz / 1kHz / 5kHz



SC3012, horizontal configuration: Polar pattern (1m): 200Hz / 1kHz / 5kHz

## Subwoofers



All our subwoofers feature the powerful, accurate and low distortion sound reproduction that is the hallmark of all EVE Audio studio monitors.

To achieve this, the range of EVE's Subwoofers follows our policy of using only high quality components in combination with an "out of the box thinking". This has enabled us to bring the best possible products to the market place. We have paid the highest attention to properly extend the frequency range of our speakers and have put even more care into our subwoofer designs: long excursion woofers are combined with passive radiators to achieve lower frequencies and less distortion. With this kind of design, all audible noise coming from air turbulences within bass reflex tubes disappear, as well as all the multiple pipe resonances that are a side-effect of a two-sided pipe opening.

Every ThunderStorm subwoofer has detailed controls like switchable satellite filters (full range and 85Hz), phase switch controls (0°, 180°) and variable

subwoofer filter frequencies (60...140Hz and LFE mode) to let you tailor and adjust your ThunderStorm to your specific room. With every EVE Audio subwoofer, you get balanced XLR In- and Outputs (Stereo In and Out, LFE In, LFE/Sub Out) for greater convenience.

The included remote control gives you direct access to all parameters like filters, phase and volume settings. It also will let you adjust not only the subwoofers' volume but also the complete stereo systems' volume while sitting comfortably in your sweet spot. Plus, a pure satellite option mutes the subwoofer and removes the high-pass for a listening to your near field monitors in full range. With every EVE Audio subwoofer, you get balanced XLR In- and Outputs (Stereo In and Out, LFE In, LFE/Sub Out) for greater convenience.

The included remote control will let you adjust not only the subwoofer's volume but also the complete stereo system's volume while sitting comfortably in your sweet spot.



# TS107

**MusicTech**  
**BEST 2.1 SYSTEM**  
 MusicTech  
 SC204 + TS107  
 Best 2.1 System

The TS107 is the smallest model in the range of EVE Audio subwoofers. It features a very efficient 100 W PWM amplifier that drives a proprietary 6.5"

woofer. This guarantees a frequency response of down to 36 Hz, up to 300 Hz, for a maximum output power of 102 dB (SPL @ 1m).

## TS107 Specs

Dimensions (WxHxD)	230 x 355 x 300 mm
Dimensions (WxHxD)	9.06" x 13.98" x 11.81"
Free-field freq. range (-3dB)	36Hz - 300Hz
Woofer	165mm/6.5"
Maximum SPL @ 1m	102dB
Number of amplifiers	1
Output power	100W
Protection	Limiter
<b>Settings</b>	
System volume (satellites+sub)	-inf. - +6dB
Subwoofer volume	-inf. - +6dB
Level-lock dip switch	
Filter-lock dip switch	
Input level dip switch	+7dBu/+22dBu

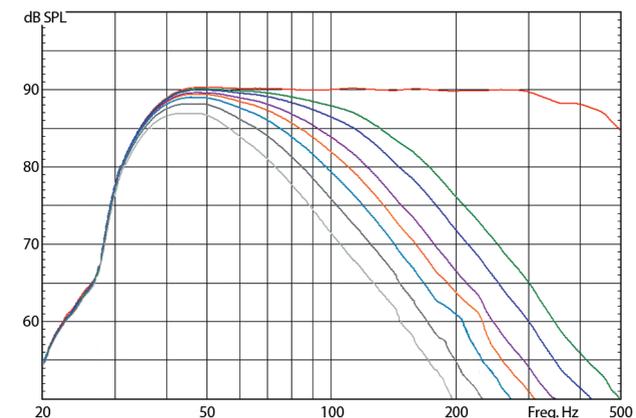
Phase inversion	0°/180°
Switchable satellite filter	flat/80Hz
Variable subwoofer filter	60Hz-140Hz + LFE
Remote control	

<b>Connectors</b>	
XLR in Left (impedance 10k)	
XLR in Right (impedance 10k)	
XLR in LFE (impedance 10k)	
XLR out Left satellite (impedance 10k)	
XLR out Right satellite (impedance 10k)	
XLR out LFE (impedance 10k)	

<b>Power consumption</b>	
Standby	< 1W
Full output	120VA
<b>Misc.</b>	
Weight	8.2kg/18.1lb



## Frequency response



TS107: Free-field frequency response (1/6 oct.): LFE + different filter settings down to 60Hz



# TS108



FutureMusic  
Platinum Award  
Winner



The TS108 model houses a very efficient 150 W PWM amplifier that drives a proprietary 8" woofer. This guarantees a

frequency response of down to 33 Hz, up to 300 Hz, for a maximum output power of 105 dB (SPL @ 1m).

## TS108 Specs

Dimensions (WxHxD)	280 x 415 x 365 mm
Dimensions (WxHxD)	11.02" x 16.34" x 14.37"
Free-field freq. range (-3dB)	33Hz - 300Hz
Woofer	195mm/8"
Maximum SPL @ 1m	105dB
Number of amplifiers	1
Output power	150W
Protection	Limiter
<b>Settings</b>	
System volume (satellites+sub)	-inf. - +6dB
Subwoofer volume	-inf. - +6dB
Level-lock dip switch	
Filter-lock dip switch	
Input level dip switch	+7dBu/+22dBu

Phase inversion	0°/180°
Switchable satellite filter	flat/80Hz
Variable subwoofer filter	60Hz-140Hz + LFE
Remote control	

### Connectors

XLR in Left (impedance 10k)
XLR in Right (impedance 10k)
XLR in LFE (impedance 10k)
XLR out Left satellite (impedance 10k)
XLR out Right satellite (impedance 10k)
XLR out LFE (impedance 10k)

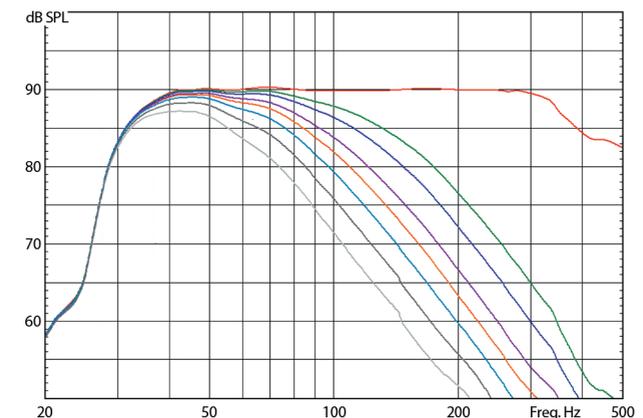
### Power consumption

Standby	< 1W
Full output	170VA

### Misc.

Weight	11.5 kg /25.3 lb
--------	------------------

## Frequency response



TS108: Free-field frequency response (1/6 oct.): LFE + different filter settings down to 60Hz



# TS110

The TS110 model features a very efficient 250 W PWM amplifier that drives a proprietary 8" woofer. This guarantees a frequency response of down to 28 Hz, up

to 300 Hz, for a maximum output power of 108 dB (SPL @ 1m) with plenty of power for most needs.

## TS110 Specs

Dimensions (WxHxD)	330 x 485 x 430 mm
Dimensions (WxHxD)	12.99" x 19.09" x 16.93"
Free-field freq. range (-3dB)	28Hz - 300Hz
Woofer	250mm/10"
Maximum SPL @ 1m	108dB
Number of amplifiers	1
Output power	250W
Protection	Limiter
<b>Settings</b>	
System volume (satellites+sub)	-inf. - +6dB
Subwoofer volume	-inf. - +6dB
Level-lock dip switch	
Filter-lock dip switch	
Input level dip switch	+7dBu/+22dBu

Phase inversion	0°/180°
Switchable satellite filter	flat/80Hz
Variable subwoofer filter	60Hz-140Hz + LFE
Remote control	

### Connectors

XLR in Left (impedance 10k)
XLR in Right (impedance 10k)
XLR in LFE (impedance 10k)
XLR out Left satellite (impedance 10k)
XLR out Right satellite (impedance 10k)
XLR out LFE (impedance 10k)

### Power consumption

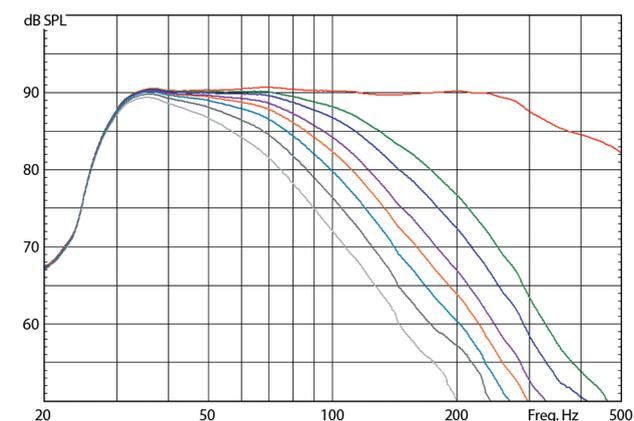
Standby	< 1W
Full output	250VA

### Misc.

Weight	19.6 kg /43.2 lb
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## Frequency response



TS110: Free-field frequency response (1/6 oct.): LFE + different filter settings down to 60Hz



# TS112

The TS112 is our largest “no compromise” subwoofer.

The highly efficient PWM amp is capable of 400 W of short term output power. The powerful amplifier, coupled with a large proprietary 12” woofer will guarantee

you a clean frequency response down to 24 Hz and up to 300 Hz, for a maximum output power of 112 dB (SPL @ 1m).

As with the highly efficient TS110, don’t let your neighbours see you unloading this subwoofer into your house!

## TS112 Specs

Dimensions (WxHxD)	390 x 560 x 508 mm
Dimensions (WxHxD)	15.35” x 22.05” x 20”
Free-field freq. range (-3dB)	24Hz - 300Hz
Woofer	300mm/12”
Maximum SPL @ 1m	112dB
Number of amplifiers	1
Output power	400W
Protection	Limiter
<b>Settings</b>	
System volume (satellites+sub)	-inf. - +6dB
Subwoofer volume	-inf. - +6dB
Level-lock dip switch	
Filter-lock dip switch	
Input level dip switch	+7dBu/+22dBu

Phase inversion	0°/180°
Switchable satellite filter	flat/80Hz
Variable subwoofer filter	60Hz-140Hz + LFE
Remote control	

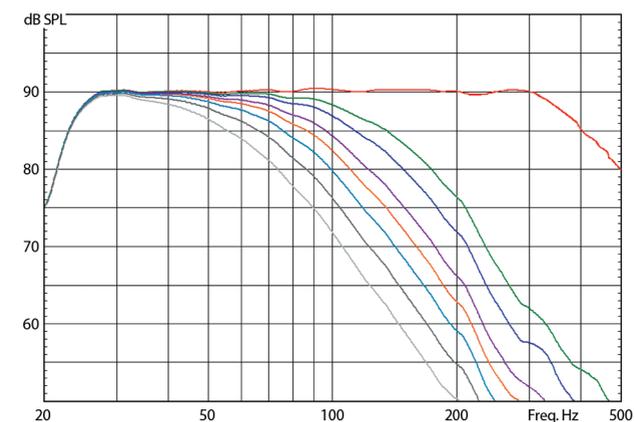
<b>Connectors</b>	
XLR in Left (impedance 10k)	
XLR in Right (impedance 10k)	
XLR in LFE (impedance 10k)	
XLR out Left satellite (impedance 10k)	
XLR out Right satellite (impedance 10k)	
XLR out LFE (impedance 10k)	

<b>Power consumption</b>	
Standby	< 1W
Full output	410VA

<b>Misc.</b>	
Weight	25.5 kg /56.2 lb



## Frequency response



TS112: Free-field frequency response (1/6 oct.): LFE + different filter settings down to 60Hz

# PMR 2.10



The Passive Monitor Router PMR 2.10 is a modern high quality 2-in – 10-out monitor -switching device. It's a very useful tool wherever there's the need to connect multiple pairs of speakers. Professional studios, pro-audio resellers, distribution showrooms or, indeed, anyone who needs to know how their mixes will translate in different kinds of speakers will certainly enjoy the PMR 2.10.

On the back of the 19" EVE Audio PMR 2.10 you will find two analogue balanced stereo inputs (indicated with a green LED) and ten stereo outputs, all using 6.3mm (1/4") TRS jack sockets of the highest grade.

Switching is made using exclusively balanced signals on high quality encapsulated relays. No other components were added to the signal path, in order to guarantee the cleanest possible signal integrity and consistency over time.

Speaker selection is made using the

included wired-remote via its big and sturdy rotary switch, whilst the source selection can be made directly at the PMR 2.10's front panel.

But that's not all. To display the selected output, you can always glance at the PMR 2.10 and search for the active orange LED at the output section. Or, you can use the included seven-segment digital display which, with a height of 10cm and two user defined brightness levels, can be placed in a convenient location to let you know immediately what speakers you're listening to.

Overall, with its clean and transparent sound characteristics, the included wire-based remote control, and the seven-segment digital display, the PMR 2.10 results as a very simple but powerful idea. Because we believe working with pro-audio speakers should be a pleasure, not a hassle.



EVE Audio headquarter in Berlin (Germany) – Anechoic chamber

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## AMT tweeters & Grid

A system is only as good as its weakest link. So to properly match the quality of our SilverCone drivers, the R&D team at EVE Audio specifically designed their own tweeters: the  $\mu$ A.M.T., RS1, RS2, RS3 and RS6.

Their principle is based on an Air Motion Transformer (AMT):

A thin folded diaphragm, with a specially designed aluminium layer, is positioned inside a very strong magnetic field. Due to this magnetic field, when electrical current flows through the aluminium layer, the folds of the diaphragm work against each other, similarly to an accordion. This movement causes the diaphragm to push out air at a very fast rate, with a speed transformation in a 4:1 ratio. The result is a combination of higher sound pressure levels, greater transparency, low distortion and improved overall clarity.

This kind of technology, completely implemented by our in-house engineers, guarantees that our ribbon systems are unique and not remotely comparable to other technologies available on the market.

But it's not only internal electronic

differences that make up our technology. We're concerned with every aspect of component design, inside and out. With our ribbon systems RS1, RS2 and RS3; we have constructed large open slots, designed to minimise sound colouration.

### The Grid

Every EVE Audio studio monitor is supplied with The Grid. The Grid is a small, hexagonally perforated, iron moulded grill that latches on magnetically to your tweeter housing to protect it from any mishaps.

No screwdriver or special tools are needed to attach or remove The Grid. It easily snaps into place when needed, and always with perfect alignment.

Whether you choose to use The Grid or not, it will not influence the reproduction of your high frequencies adversely.

Here at EVE Audio we believe in innovation down to the finest detail.

The Grid latches on magnetically to your tweeter and due to its shape. The Grid snaps into place like magic. Always with perfect alignment.

Whether you choose to use The Grid or not, it will not influence the reproduction of your high frequencies adversely.



## SilverCone woofers



Most of our speaker components – like the SilverCone woofers – are not off-the-shelf products, but are developed according to our engineers' specifications. These woofers are driven by either a 1" or 1.5" voice coil, depending on the model. The result is a very tight and dynamic bass response, along with a greater linear excursion when compared to most similar-sized speakers.

In order to minimize distortion even further, we've implemented copper caps onto the woofer's magnet system. These caps help the driver system maintain a symmetrical magnetic field in which the voice coil is positioned. This results in a very low harmonic distortion level and higher overall transparency, even at higher sound pressure levels.

To top it all off, our honeycomb-structured diaphragms are coated with glass fibre, which not only helps them achieve the right balance of rigidity and low resonances for the most concise sound reproduction, but also gives the SilverCone its distinct look.

### Bass ports

When it comes to efficient and clean

## Bass ports

design, EVE is at the forefront. We took out everything that wasn't needed. And if there is one thing that you don't need to look at constantly in a speaker, that's a big hole on the front!

A bass port – also known as a vented box or reflex port – uses the sound from the back of the diaphragm as a way to increase efficiency at lower frequencies. With proper adjustment of the right parameters (enclosure volume, tube cross-section and length, etc.) you can substantially improve the performance of your speakers.

However, there is also a down side effect of port compression. As you turn up the volume, the efficiency of the port reduces and distortion will increase.

With EVE, we opted for a tuned, larger than normal, rear rectangular port with no hard edges for our bass port design. That's one of the reasons EVE monitors have a high efficiency on the lower frequencies. The result is high sound pressures with tight and punchy bass frequencies that don't cause port distortion.

Crank up the volume, and EVE will deliver a round bass, with no holes to look at every time you glance at your speakers.

## Passive radiators



EVE Audio is no stranger to unusual technologies, if they prove trustworthy. The passive radiator design of our subwoofers is one of those technologies.

We eliminated the need to use a common bass reflex tube, and replaced it with a passive suspended woofer. With this kind of design, all audible noise coming from air turbulences within the tubes disappear, as well as all the multiple pipe resonances that are a side-effect of a two-sided pipe opening.

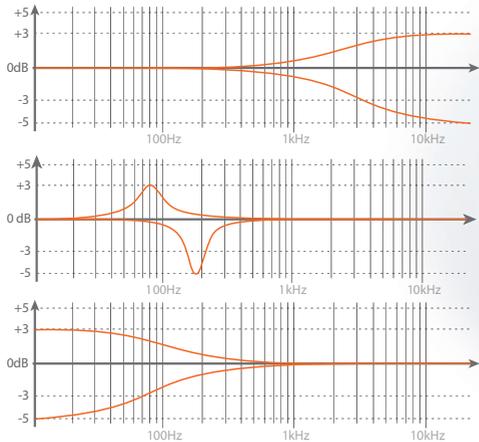
And as the suspension design of the passive radiator has a restoring force

underneath its tuning frequency, this helps reduce all inaudible excursions in the subsonic range. Which in turn results in reduced intermodulation distortion at the audible range.

The result is an easily achieved particularly low tuning or lower cut-off frequency in a very compact cabinet. Now, all our high quality studio monitors have an equally well engineered "smaller" brother to play with!

EVE Audio subwoofers – size isn't everything. Great sound is.

## DSP & User interface



With every EVE Audio speaker, you get precision high resolution DSP electronics that will help you tailor your monitors to the way you work.

If the acronym DSP scares you when you think about monitor speakers, you will be safe with EVE: our DSP electronics are not designed to be intrusive or present you with lots of confusing options.

With EVE, you will have precise control over several filter sections, accurate volume control and phase settings. And all of this can be accomplished directly from the speaker's front panel using just one push knob operation.

There is no need to connect your speakers to your computer and waste time operating dodgy control panels.

The DSP is supported with a high quality 192kHz/24bit A/D converter from Burr-Brown and Cirrus Logic (SC203) which

delivers a pristine signal to the DSP section. And as the PWM-amplifiers are directly connected to the DSP section, no additional conversion is necessary. This guarantees an extreme reliability.

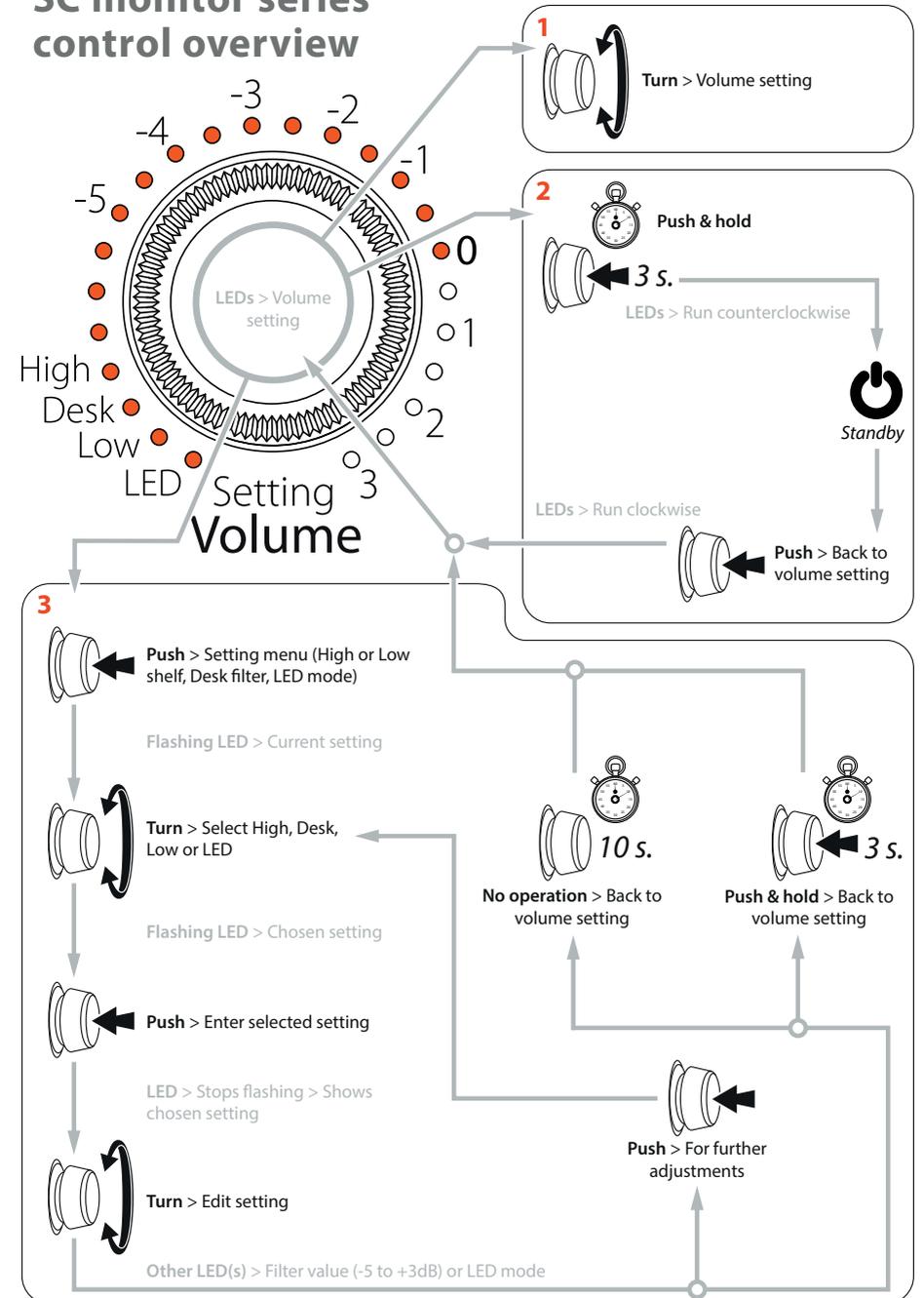
For us at EVE, it was important to offer easy DSP adjustment and handling without the use of any additional tools. An LED ring clearly indicates the corresponding status of adjustment – which can be dimmed, of course.

All settings for volume or room adaptation can be blocked with a DIP switch on the rear of the monitor to avoid misuse, operating errors or random changes of settings.

This simple, intelligent and clean design will guarantee that your EVE monitors will work with you. Not against you.

EVE Audio. Set them up and start making music.

## SC monitor series control overview

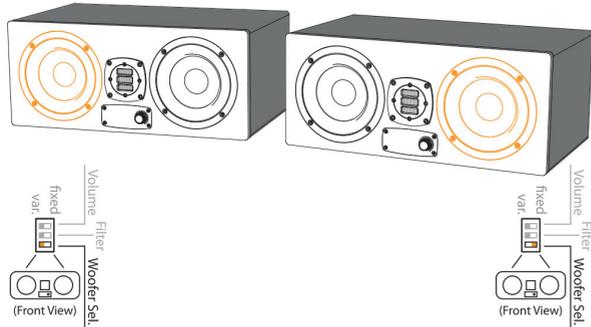


# Specifications

Product	 SC203	 SC204	 SC205	 SC207	 SC208	 SC305	 SC307
<b>Description</b>	2-way master/slave	2-way system	2-way system	2-way system	2-way system	3-way system	3-way system
Dimensions (WxHxD) [mm]	116x190x134	145x230x195	175x275x233	215x330x280	255x390x330	425x180x250	500x215x310
Dimensions (WxHxD) ["]	4.56 x 7.48 x 5.27	5.71 x 9.06 x 7.68	6.89 x 10.83 x 9.17	8.46 x 12.99 x 11.02	10.04 x 15.35 x 12.99	16.73 x 7.09 x 9.84	19.69 x 8.46 x 12.2
Free-field frequency range (-3dB)	62Hz - 21kHz	64Hz - 21kHz	53Hz - 21kHz	44Hz - 21kHz	36Hz - 21kHz	50Hz - 21kHz	40Hz - 21kHz
Tweeter	µA.M.T.	AMT RS1	AMT RS1	AMT RS2	AMT RS2	AMT RS3	AMT RS2
Midrange							
Mid-Woofer	75mm/3"	100mm/4"	130mm/4"	165mm/6.5"	200mm/8"	130mm/5"	165mm/6.5"
Woofer						130mm/5"	165mm/6.5"
Cross-over frequency	4800Hz	3000Hz	3000Hz	2800Hz	2800Hz	350Hz / 3000Hz	300Hz / 3000Hz
Maximum SPL @ 1m	94dB	96dB	101dB	106dB	112dB	108dB	114dB
Number of amplifiers	4	2	2	2	2	3	3
Output power (woofer)	30W	50W	50W	100W	150W	50W	100W
Output power (mid-driver)						50W	100W
Output power (tweeter)	30W	50W	50W	50W	50W	50W	50W
Protection limiter	X	X	X	X	X	X	X
<b>Settings</b>							
Volume	-inf. - +6dB	-inf. - +6dB	-inf. - +6dB	-inf. - +6dB	-inf. - +6dB	-inf. - +6dB	-inf. - +6dB
High-shelf filter (-5dB - +3dB)	> 3kHz	> 3kHz	> 3kHz	> 3kHz	> 3kHz	> 3kHz	> 3kHz
Desk filter boost (0dB - +3dB)		80Hz	80Hz	80Hz	80Hz	80Hz	80Hz
Desk filter cut (-5dB - 0dB)		200Hz	180Hz	170Hz	160Hz	180Hz	160Hz
Position	flat, desk, console						
Low-shelf filter (-5dB - +3dB)	< 300Hz	< 300Hz	< 300Hz	< 300Hz	< 300Hz	< 300Hz	< 300Hz
LED brightness setting	X	X	X	X	X	X	X
Input select	X						
Level-lock dip switch		X	X	X	X	X	X
Filter-lock dip switch		X	X	X	X	X	X
Woofer-change dip switch						X	X
Input level dip switch	+8dBu/+22dBu						
Standby dip switch	locks cont. mode						
Satellite filter dip switch	80Hz HP filter						
<b>Connectors</b>							
XLR in (impedance)		X (10k)	X (10k)	X (10k)	X (10k)	X (10k)	X (10k)
RCA in (impedance)	left-right (10k)	X (10k)	X (10k)	X (10k)	X (10k)	X (10k)	X (10k)
Dig. optical input	TOSLink						
USB-Input	Type B						
RCA out	Sub out						
<b>Power consumption</b>							
Standby	< 1W	< 1W	< 1W	< 1W	< 1W	< 1W	< 1W
Full output	110VA	70VA	70VA	120VA	170VA	110VA	120VA
<b>Misc.</b>							
Mounting option(s)	X	X	X				
Weight kg/lb.	Master: 1.9/4.19 - Slave: 1.7 /3.75 - Flexipad: 0.19/0.86	3.8 / 8.4	5 / 11	8 / 17.6	10.9 / 24	8.5 / 18.7	12.4 / 27.3

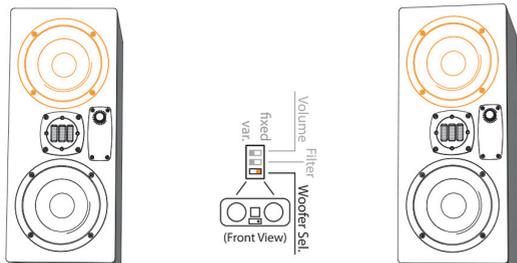
## Woofer Sel. switch setting

With the SC305/SC307 placed horizontally in a stereo system, the rear Woofer Sel. switch should be set so that the bass woofer (orange) of each monitor is pointing to the outside of the sound field and the mid-woofer (black) to the inside.

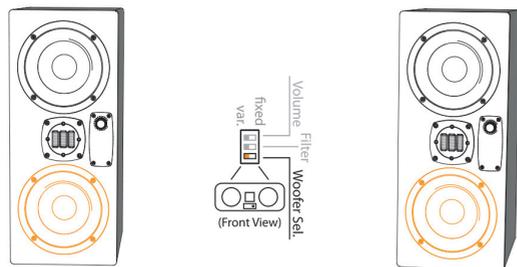


With the SC305/SC307 placed vertically, the rear Woofer Sel. switch should be set differently depending on the listening position:

If the ears are below the tweeter line, the bass woofer (orange) of each monitor should be set above the tweeter.



If the listening position is higher than the tweeter line, the bass woofer (orange) of each monitor should be set below the tweeter.



Product	SC407	SC408	SC3010	SC3012
<b>Description</b>	4-way system	4-way system	Main system	Main system
Dimensions (WxHxD) [mm]	600x260x320	710x330x440	435x650x490	435x650x490
Dimensions (WxHxD) ["]	23.62 x 10.24 x 12.6	27.95 x 12.99 x 17.32	17.13 x 25.59 x 19.29	17.13 x 25.59 x 19.29
Free-field frequency range (-3dB)	35Hz - 21kHz	32Hz - 21kHz	25Hz - 21kHz	25Hz - 21kHz
Tweeter	AMT RS3	AMT RS3	AMT RS6	AMT RS6
Midrange	100mm/4"	130mm/5"	130mm/5"	130mm/5"
Mid-Woofer				
Woofer	2 x 165mm/6.5"	2 x 200mm/8"	250mm/10"	300mm/12"
Cross-over frequency	280Hz / 3000Hz	250Hz / 3000Hz	240Hz / 1800Hz	220Hz / 1800Hz
Maximum SPL @ 1m	116dB	118dB	114dB	118dB
Number of amplifiers	4	4	3	3
Output power (woofer)	2 x 185W	2 x 250W	800W	800W
Output power (mid-driver)	180W	250W	250W	250W
Output power (tweeter)	50W	50W	250W	250W
Protection limiter	X	X	X	X
<b>Settings</b>				
Volume	-inf. - +6dB	-inf. - +6dB	-inf. - +6dB	-inf. - +6dB
High-shelf filter (-5dB - +3dB)	> 3kHz	> 3kHz	> 3kHz	> 3kHz
Desk filter boost (0dB - +3dB)	80Hz	80Hz	80Hz	80Hz
Desk filter cut (-5dB - 0dB)	160Hz	160Hz	160Hz	160Hz
Position				
Low-shelf filter (-5dB - +3dB)	< 300Hz	< 300Hz	< 300Hz	< 300Hz
LED brightness setting	X	X	X	X
Input select				
Level-lock dip switch	X	X	X	X
Filter-lock dip switch	X	X	X	X
Woofer-change dip switch				
Input level dip switch	+7dBu/+22dBu	+7dBu/+22dBu	+7dBu/+22dBu	+7dBu/+22dBu
Standby dip switch				
Satellite filter dip switch				
<b>Connectors</b>				
XLR in (impedance)	X (10k)	X (10k)	X (10k)	X (10k)
RCA in (impedance)	X (10k)	X (10k)	X (10k)	X (10k)
Dig. optical input				
USB-Input				
RCA out				
<b>Power consumption</b>				
Standby	< 1W	< 1W	< 1W	< 1W
Full output	300VA	350VA	1000VA	1000VA
<b>Misc.</b>				
Mounting option(s)				
Weight kg/lb.	18 / 39.7	29.5 / 65	37 / 81.6	44 / 97

Product	TS107	TS108	TS110	TS112
<b>Description</b>	Subwoofer	Subwoofer	Subwoofer	Subwoofer
Dimensions (WxHxD) [mm]	230x355x300	280x415x365	330x485x430	390x560x508
Dimensions (WxHxD) ["]	9.06 x 13.98 x 11.81	11.02 x 16.34 x 14.37	12.99 x 19.09 x 16.93	15.35 x 22.05 x 20
Free-field frequency range (-3dB)	36Hz - 300Hz	33Hz - 300Hz	28Hz - 300Hz	24Hz - 300Hz
Woofer	165mm/6.5"	195mm/8"	250mm/10"	300mm/12"
Maximum SPL @ 1m	102dB	105dB	108dB	112dB
Number of amplifiers	1	1	1	1
Output power	100W	150W	250W	400W
Protection limiter	X	X	X	X
<b>Settings</b>				
Volume	-inf. - +6dB	-inf. - +6dB	-inf. - +6dB	-inf. - +6dB
System volume (Satellite & Sub)	-inf. - +6dB	-inf. - +6dB	-inf. - +6dB	-inf. - +6dB
Subwoofer volume	-inf. - +6dB	-inf. - +6dB	-inf. - +6dB	-inf. - +6dB
LED brightness setting	X	X	X	X
Level-lock dip switch	X	X	X	X
Filter-lock dip switch	X	X	X	X
Input level dip switch	+7dBu/+22dBu	+7dBu/+22dBu	+7dBu/+22dBu	+7dBu/+22dBu
Phase inversion	0°/180°	0°/180°	0°/180°	0°/180°
Switchable Satellite filter	flat/80Hz	flat/80Hz	flat/80Hz	flat/80Hz
Variable Subwoofer filter	60Hz-140Hz + LFE	60Hz-140Hz + LFE	60Hz-140Hz + LFE	60Hz-140Hz + LFE
Remote control	X	X	X	X
<b>Connectors</b>				
XLR in left (impedance)	X (10k)	X (10k)	X (10k)	X (10k)
XLR in right (impedance)	X (10k)	X (10k)	X (10k)	X (10k)
XLR in LFE (impedance)	X (10k)	X (10k)	X (10k)	X (10k)
XLR out Satellite left (impedance)	X (10k)	X (10k)	X (10k)	X (10k)
XLR out Satellite right (impedance)	X (10k)	X (10k)	X (10k)	X (10k)
XLR out LFE (impedance)	X (10k)	X (10k)	X (10k)	X (10k)
<b>Power consumption</b>				
Standby	< 1W	< 1W	< 1W	< 1W
Full output	120VA	170VA	250VA	410VA
<b>Misc.</b>				
Weight kg/lb.	8.2 / 18.1	11.5 / 25.3	19.6 / 43.2	25.5 / 56.2
<b>System recommendations</b>				
Room area (m <sup>2</sup> )	up to 15 m <sup>2</sup>	15 to 20 m <sup>2</sup>	20 to 25 m <sup>2</sup>	25 to 30 m <sup>2</sup>
Room area (sq ft)	up to 161 sq ft	162 to 215 sq ft	215 to 269 sq ft	269 to 323 sq ft
Room volume (m <sup>3</sup> )	up to 40 m <sup>3</sup>	40 to 50 m <sup>3</sup>	50 to 70 m <sup>3</sup>	70 to 90 m <sup>3</sup>
Room volume (cu ft)	up to 1412 cu ft	1412 to 1766 cu ft	1766 to 2472 cu ft	2472 to 3178 cu ft
Satellites for 2.1 setup	SC203, SC204, SC205	SC205, SC207, SC305	SC207, SC208, SC307, SC407, SC408	SC208, SC307, SC407, SC408
Satellites for 5.1 setup	SC203, SC204	SC203, SC204, SC205	SC204, SC207, SC208, SC305	SC205, SC207, SC208, SC305, SC307, SC407, SC408

Product	PMR 2.10
<b>Description</b>	Passive Monitor Router
Dimensions (WxHxD) [mm]	483x43x266
Dimensions (WxHxD) ["]	19 x 1.69 x 10.5
<b>Settings</b>	
Input selector	1/2
In/out selection LEDs	green: in / red: out
External alphanumeric display	orange, height: 10cm
Wired remote control	Out selection + mute
<b>Connectors</b>	
Inputs (balanced 1/4" TRS)	2 x stereo
Outputs (balanced 1/4" TRS)	10 x stereo
<b>Misc.</b>	
Weight kg/lb.	2 / 4.41
Voltage range	100-240V
Power	50VA





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