

EVE AUDIO SC305 - Studijski monitor

Šifra: 10471

Kategorija proizvoda: Aktivni Studijski Monitori

Proizvođač: EVE Audio

Cena: 83.880,00 rsd

EVE AUDIO SC305 - Studijski monitor

The

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

Our three-way systems are developed for critical and detailed listening, not just to deliver power and thunderous bass (although they can do it very well too).

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

Tech Talk

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.

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.

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. 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.

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.

And no worries determining how to place the SC305 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 rear of the speakers these settings for room adaption can be temporarily locked.

As with every other EVE Audio speaker, you get both balanced XLR inputs and unbalanced RCA inputs for greater convenience.

DSP

With every EVE Audio speaker, you also get high resolution DSP electronics. One push knob operation and you will have access to accurate volume control and several different filter settings that will help you tailor your monitors to the way you work. And if you always avoid digital processing, we've got you covered. The DSP engine is supported with a high quality A/D converter (24bit/192kHz) from Burr-Brown, which delivers a pristine signal to the DSP section. And since the PWM amplifiers are directly connected to the DSP, no additional conversion is necessary. Please visit our DSP page to learn more about our DSP philosophy.

Bass Port Design

It's all in the geometry. One of the downside effects of port compression is bass distortion. As you turn up

the volume, the efficiency of the port reduces and distortion will increase.

We opted for a large rear rectangular port with no hard edges for our bass port designs. That's one of the reasons EVE monitors have a high efficiency on the lower frequencies.

The results? 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. And with no holes to look at every time you glance at your speakers.

Measurements

Freq. response

Polar pattern

Distortion

Product SC305

Description 3-way System

Dimensions (WxHxD) [mm] 425 x 180 x 250

Dimensions (WxHxD) [""] 16.73 x 7.09 x 9.84

Free-field frequency range (-3dB) 50Hz - 21kHz

Tweeter AMT RS3

Mid-Woofer 130mm/5"

Woofers 130mm/5"

Cross-over frequency 350Hz/3000Hz

Maximum SPL @ 1m 108dB

Number of amplifiers 3

Output power (woofers) 2 x 50W

Output power (tweeter) 50W

Protection limiter

Settings

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-change dip switch

Connectors

XLR in (impedance) (10k)

RCA in (impedance) (10k)

Power consumption

Standby < 1W

Full output 110VA

Misc.

Weight kg/lb. 8.5 / 18.7