

EVE AUDIO SC204 (komad) - aktivni studijski monitor

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Proizvođač: EVE Audio

Cena: 330,00 EUR

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Tech Talk

The SC204 uses a 4" SilverCone woofer with honeycomb structured diaphragm, 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. As a result, in addition to the unsurpassed audio transparency of our proprietary AMT tweeter and PWM amplifier combination, this SC204 will surprise you with a very powerful, tight and precise low end. Our AMT tweeter is our own proprietary technology that follows the rule of no off-the-shelf components in order to achieve superior results. The preciseness and detail of the high frequency range of EVE monitors, 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.

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.

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. With no holes to look at every time you glance at your speakers.

Measurements

Freq. response
Polar pattern
Distortion

Product	SC204
Description	2-way System
Dimensions (WxHxD) [mm]	145 x 230 x 195
Dimensions (WxHxD) ["]	5.71 x 9.06 x 7.68
Free-field frequency 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	
Settings	
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	
Connectors	
XLR in (impedance)	 (10k)
RCA in (impedance)	 (10k)
Power consumption	
Standby	< 1W
Full output	70VA
Misc.	

Backmounting thread inserts	
Mic stand thread inserts	
Weight kg/lb.	3.8 / 8.4