

EVE AUDIO SC207 - Studijski monitor

Šifra: 10292

Kategorija proizvoda: Aktivni Studijski Monitori

Proizvođač: EVE Audio

Cena: 49.920,00 rsd

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**Tech
Talk**

With the SC207, you will get an extended bass frequency response (down to 44 Hz), courtesy of our 6.5" SilverCone honeycomb structured woofer and driven by a 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, with protection-limiting and capable of delivering a short-term output power of 100W, 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 model monitor that uses our proprietary AMT (Air Motion Transformer) RS2. That means it can deliver a higher output level that is due to a bigger magnet system inside.

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 SC207

Description 2-way System

Dimensions (WxHxD) [mm] 215 x 330 x 280

Dimensions (WxHxD) ["] 8.46 x 12.99 x 11.02

Free-field frequency 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
Settings
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
Connectors
XLR in (impedance) (10k)
RCA in (impedance) (10k)
Power consumption
Standby < 1W
Full output 120VA
Misc.
Weight kg/lb. 8 / 17.6