

# CEC.

since 1954



## CEC DA 5 - D/A Converter USB Sound System

32bit/384 kHz PCM - DSD 256/11.2 MHz - ESS Hyperstream DAC chip

The new CEC DA 5 sits at the center of the audio listening stage whether you enjoy music via CD Transport, reproduce high resolution music source at its highest level of DSD 256 through PCs, try to adjust the sound volume by the digital volume control, or to just listen with your headphones. The new CEC DA 5 provides music inspiration and impression by the ability to reproduce the highest resolution digital music source.

Digital signals supplied by the CD transport are fully converted to analogue without any distortion. As a high quality D/A converter, the CEC DA 5 works as the high precision USB-DAC compatible with PCM 384 kHz and DSD 256/11.2 MHz. A highly capable OP amplifier confirms easy listening through headphones even at high level and digital control volume adjustment enables to place CEC DA 5 as the center of your audio system.



The ultimate task of a high end audio component is to breathe life into reproduced music and convey to the listener that the soul of the performer lives in each musical event. Test reports in international magazines as well as the testimony of our satisfied customers worldwide confirm that we have achieved our musical objective: **music reproduction on its highest level.** More information: [www.cec-international.com](http://www.cec-international.com)

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The conversion from digital to analogue signal is performed by the ESS Hyper stream DAC chip ES9018K2M compatible with 32bit - 384kHz PCM and 11.2MHz - DSD 256. Exceptional channel separation and wide dynamic range result in reproducing music with unbelievable breath and depth of sound stage. CEC DA 5 offers two different digital filters. "FLAT", a standard filter with super linear frequency response to 20kHz, and "PULSE", a ringing-free pulse-optimized filter with a softer roll-off below 20kHz.

Digital Inputs: SPDIF: Balanced type AES/EBU, Coaxial and Toslink are compatible with 24bit/192kHz. USB: PCM32bit/384kHz and Native reproduction of DSD256/11.2MHz are available.

Both conventional type RCA and balanced type XLR connections are available. We recommend the balanced connection to make CEC DA 5 balanced circuit superiority perform at its fullest.

Incorporating its high performance headphones amplifier circuit the DA5 can be used even as a high performance headphone amplifier.

Digital volume control can adjust the analog output level at the digital domain. Adjustments from -99dB up to 0dB without deteriorating sound quality are possible. You may even connect directly to a power amplifier and/or active loudspeakers, and adjustments are done via remote control. Once output level has been set it is memorized even after power is off. LED monitor indicates the input status, input sampling frequency and filter condition. You may select the light condition out of three steps of brightness according to your listening condition.



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DAC	ESS ES9018K2M
Digital Input	<ul style="list-style-type: none"> <li>• AES/EBU x 1: PCM up to 24bit/192kHz</li> <li>• COAXIAL x 1: SPDIF 24bit - 192kHz</li> <li>• TOSLINK x 1: SPDIF 24bit - 192kHz</li> <li>• USB 2.0 x 1: 32bit/384kHz, DSD 256 up to 11.2896MHz</li> </ul>
Digital Filter	Switchable between FLAT and PULSE (FLAT only at DSD input)
Analog Output (digital variable)	<ul style="list-style-type: none"> <li>• Balanced XLR (2pin: hot) x 1: 4Vrms (-99 dB to 0 dB)</li> <li>• Unbalanced RCA x 1: 2Vrms (-99 dB to 0 dB)</li> </ul>
Headphone	6.3mm - digital+analog volume controls
Frequency	20 Hz to 20 kHz/±0.1 dB (at CD reproduction with FLAT filter)
S/N ratio	105dB, 1kHz/0dB
Crosstalk	105dB, 1kHz/0dB
THD	0.014%, 1kHz/0dB
Consumption	10 W
Dimensions	435 (B) x 335 (T) x 104 (H) mm
Weight	approx. 8 kg
Color	Silver or Black

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