

CEC.

since 1954



CEC CD 2N - Double Belt Drive CD Player Surpassing the finest since 1954 - 100% handcrafted in Japan

CEC opened a new chapter in music reproduction in 1991 with the world's first Belt Drive CD Transport, the now famous TL 1. Creative mastery of vibration control techniques resulted in this landmark product whose uniquely analog musicality has been hailed as nothing less than revolutionary in digital audio. Since then CEC has continued to improve on its designs and launched many globally highly acclaimed and awarded devices. With the new CEC CD 2N CD Player, the breakthroughs of the previous double belt drive system have been refined even further than we imagined possible. The double belt drive mechanism is

a completely new development that is fully centred on a larger aluminium chassis for increased stabilization of rotation and no adjustment of mechanism height. While the double belt drive system with the large diameter precision flywheel stabilizer improves the accuracy of reading the music signal. The detail, richness of tone and spatial information are just breathtaking. The concentrated application of technical knowledge, innovative capacity and decades of experience have paid off. Pride, Craftsmanship and music reproduction on compact disc have reached a new summit with the CEC CD 2N double belt CD Player.



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

The Drive | www.cec-international.com

CEC CD 2N - Double Belt Drive CD Player

In order to read the signal recorded with Constant Linear Velocity (CLV) on the CD, rotational speed should be decreased as it tracks the outer edge of the disk. Usually the spindle motor controls the variation of speed. All CD players and transports place the spindle motor beneath the turntable for the CD and the motor shaft works as the turntable center, this is called a direct drive system. The advantage of the CEC belt drive CD system over the normal direct drive has been proved by the long life of CEC's world's first belt-drive system, since its introduction in early 1990's. Simply, in order to eliminate the vibration and electromagnetic noise from the motors (both spindle motor for CD and feed motor for laser pick-up) a double belt-drive system has been utilized, enabling the motors to be located away from the spindle and laser pick-up. A large (Ø 12cm 380 grams) stabilizer to the turntable itself, increases the effective mass and inertial stability, high flywheel effect, stabilization of the disc rotation. Now the new double belt-drive mechanism has been positioned just in the center of aluminum larger chassis for further stable rotation. The newest CD transport offers and unprecedented beautiful, precise, rich and deep sound reproduction.

Digital-to-analog conversion is performed by the ESS Hyperstream DAC chip 32bit ES9028PRO from the flagship SABRE PRO series. Extra wide dynamic range (NDR) and ultra low total harmonic distortion plus noise (THD+N) result in reproducing music with unbelievable breath and depth of sound stage. Sampling frequency of CDs is 44.1kHz as a traditional standard. This can be up-sampled to 88.2kHz or up to 176.4kHz, which is in the field of high resolution music reproduction through internet.



The musical cohesion, the rich detail and emotionally gripping „analogue-like“ sound is immediately apparent. No other CD drive has sounded so analogue. With the new CEC CD 2N, one can benefit from the advantages of this type of drive.



Test reports in international magazines as well as the testimony of our satisfied customers worldwide confirm that we have exceeded our musical objective: **music reproduction on it's highest level.**

CD Drive System	Double Belt Drive // Spindle & Pick-up
Playable Discs	Audio CDs & finalized CD-R/RW
CD Stabilizer	Ø 120 mm, weight: 380 g (brass)
Digital Output	<ul style="list-style-type: none"> • AES/EBU x 1: 2.5Vp-p/110Ω • Coaxial x 1 0.5Vp-p/75Ω • TOS x 1(optical): -21~-15dBm EIAJ
Analog Output	<ul style="list-style-type: none"> • Balanced XLR (2pin: hot) x 1: 4Vrms • Unbalanced RCA x 1: 2Vrms
Word clock input	BNC x 1: 44.1kHz
Up-sampling	24bit / 88.2kHz, 176.4kHz
Digital filter	switchable between FLAT and PULSE
Consumption	28 W
Power Supply	AC 230/120 V, 50/60 Hz
Dimensions	435 (B) x 335 (T) x 111 (H) mm
Weight	14 kg
Color	Silver or Black

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 CEC International GmbH | Wacholderweg 16 | 22335 Hamburg | Germany
 Mail: info@cec-international.com | Web: www.cec-international.com

