



THE INTRODUCTION 2011

THE NEW CEC DREAMTEAM **TL 3N | DA 3N**

DOUBLE BELT-DRIVE CD TRANSPORT AND ULTRA LOW-JITTER DA CONVERTER



CEC was founded 1954 in Tokyo. In the same year we introduced a high precision phono motor which was followed by many models of analog turntables and record-players which have given CEC a solid reputation in the audio field.

CEC was one of the leading suppliers of turntables and CD players in the consumer field. (major brands like Grundig, Marantz, Teac, Sanyo, etc)

The introduction of the first CD Player in 1982 opened a new era in sound reproduction.

Regardless of our analog roots, R + D work on CD players CEC started at that time. The first CEC CD player was introduced

in 1983. Due to our analog experience our engineers were able to implement the belt drive system to CD transports.

The world's first belt drive transport was born in 1991 - CEC's TL 1. For this development CEC holds worldwide patent rights.

Based on the ideas above, CEC has spent the last 20 years devotedly developing belt-drive CD player/transports. Combining the latest digital data transfer techniques with the tried-and-true abilities of the belt-drive player in providing audio reproduction free of motor noises, the new upcoming CEC TL 3N CD transport (Made in Japan) offers an unprecedentedly beautiful, precise and deep reproduced sound.

Music reproduction on its highest level.

The care taken in the compilation of the many technical details solutions for the new CEC DA 3N makes forgotten its digital home. Sonically rich, detailed and emotionally gripping.

Using high quality BNC cables to ensure minimal signal interference, the DA 3N makes it possible to transmit high quality signals from its ideal counterpart - CEC TL3N - to the DAC, free of distortions and Jitter with SuperLink. The DA 3N also offers five different digital inputs.

Test reports in international magazines as well as satisfied customers worldwide confirm our target:

Music reproduction on its highest level



CEC TL 3N | Made in Japan

Double Belt-drive CD Transport
A higher level of music reproduction.

ACD transport combining unique belt-drive engineering with advanced digital technology. Top-of-the-line Analog Technology's Answer to the Digital Challenge

Since its inception, CEC has resigned as the foremost among analog player manufacturers. The original TL1 CD transport was conceived as a challenge to the digital world, making full use of CEC's legacy in traditional mechanical engineering.

Evolutionary Integration of Analogue and Digital Technology. As a staple of the digital age, the TL3N features multiple digital outputs including CEC's proprietary "SUPERLINK" system, AES/EBU (XLR), COAXIAL, and TOSLINK (optical). Of particular note, CEC's SUPERLINK system, which transmits audio signals and synchronization (clock) signals separately to minimize encoding/decoding jitter, has evolved into a multiple-cable system using high-quality 75Ω BNC cables.

Specifications:

Playable Discs	Audio CDs & Finalized CD-R/RWs recorded in audio CD format
Spindle/ Pickup Drive System	Double Belt Drive
CD Stabilizer	Brass (ø120mm, weight approx.: 370g)
Spindle Shaft	ø4mm
Chassis	Aluminum
Digital Output	SUPERLINK ×1 (BNC ×4) : 2.5Vp-p/75Ω AES/EBU (Balanced XLR;HOT=2) ×1 : 2.5Vp-p/110Ω COAXIAL(SPDIF) ×1 : 0.5Vp-p/75Ω TOS ×1 : -21 ~ -15dBm EIAJ
Digital Input	Word Clock
Dimensions	Approx. 435(W)×296(D)×98(H) mm
Weight	Approx. 10kg
Color	Silver





CEC DA 3N | Made in Japan

Ultra Low-Jitter D/A Converter
A higher level of music reproduction.

Evolved SUPERLINK Connection and Multiple Digital Inputs. CEC's proprietary SUPERLINK system minimizes sound deterioration due to signal interference by transmitting four kinds of digital signals separately; data, master clock, bit clock and L/R clock signals.

Accounting for the possibility of potential deterioration caused by the cables themselves, the DA1N offers a new connection using four separate high quality 75Ω BNC cables in addition to conventional 9-Pin D-sub connection. Especially when coupled with CEC's "TL3N" CD transport, the DA 3N accurately conveys the genuine atmosphere of the original music source.

Five digital inputs are supported ; SUPERLINK, AES/EBU, COAXIAL, TOSLINK, and USB, the latter enabling input from personal computers. The new CEC DA 3N does not reproduce music. It plays it real back. That's it. Just listen.....

Specifications:

Digital Inputs	SUPERLINK ×2 (BNC×4/D-Sub 9P×1) USB(2.0) ×2
	AES/EBU(Balanced XLR;HOT=2) ×1 : 2.5Vp-p/110Ω
	COAXIAL(SPDIF) ×1 : 0.5Vp-p/75Ω
	TOS ×3 : -21 ~ -15dBm EIAJ
Analog Outputs:	RCA unbalanced, XLR balance, variable RCA
	Variable XLR (for to use as PRE-AMP)
Front Panel Input Digital	USB 2.0 and Optical
Input Sampling	SUPERLINK: 44.1kHz USB : 32-96kHz
Frequency	AES/EUB : 32-192kHz COAXIAL:32-192kHz
	TOS: 32-96kHz
DAC	TE7022L x2 and ES9008
Oversampling Converter	integrated in the ES9008 (SUPERLINK/USB also through the SRC)
Sample Rate Converter	integrated in the ES9008 (SUPERLINK/USB also through the SRC)
Frequency Response	20Hz-20kHz, -0.2dB (measured with "FLAT" digital filter)
Dimensions	Approx. 435(W)×296(D)×98(H) mm
Weight	Approx. 14kg
Color	Silver

*Specifications and design are subject to change without notice.

Music reproduction on its highest level.

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