CD Belt Drive TL 1N

CEC The Drive

Top-of-the-line analog technology's answer to the digital challenge. During the playback of audio CDs, the rotation speed of the disc needs to be reduced gradually as playback proceeds outwards, in order to keep its linear speed constant. In most cases, a spindle motor handles this velocity adjustment.

Most CD players and CD transports are designed with a direct-drive system, which places the motor just under the turntable and drives the spindle directly. A relatively large motor is needed to ensure adequate velocity adjustment, making it virtually impossible to be exempt from signal distortion caused by vibration and electromagnetic noise from the motor. The TL 1N 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, adding further polish to the CD transport's essential role of accurately conveying the information recorded on a CD. The TL 1N uses an advanced switching power supply with an integrated AC line power purifier.

Specifications

Drive System	Double Belt Drive // Spindle & Pick-up
Playable Discs	Audio CDs & Finalized CD-R/RWs
Power Supply	AC 100-240V / 50-60Hz
Chassis	Aluminum (Maximum Thickness: 30mm)
CD Stabilizer	Brass (ø120mm, weight: 370g)
Digital Output	AES/EBU(Balanced XLR; HOT=2) ×1: 2.5Vp-p/110Ω COAXIAL(SPDIF) ×1: 0.5Vp-p/75Ω TOS ×1: -21 ~ -15dBm EIAJ SUPERLINK×1(BNC×4): 2.5Vp-p/75Ω
Dimensions	435(W) × 364(D) × 145(H) mm
Weight	14 kg
Color	Silver

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