

# TEC TC 7510



TEC TC 7510 Digital - Analog Konverter 24bit / 96KHz

TCC TC-7510 Digital to Analogue Converter is an outstanding but affordable Digital to Analogue converter that gives you far better audio pleasure from your CD-DVD player, Digital Receiver, PC, and many more multi media and hifi equipment fitted with a digital output. It is the result of the many positive feedbacks from the previous model, the hugely successful TC-7500.

Key Hardware Enhancements:

- New active touch buttons
- Class A headphone output stage with headphone socket and volume control
- Optimized and shortened signal paths
- Separate audio and signal switching PCB circuits eliminates switching noises
- Larger power supply provides increased overhead for wider dynamics and increased headroom when listening to complex musical passages
- High quality fibre glass PCB board and careful track layout prevents eddy currents and high frequency signal clamping errors
- Led POWER indicator
- Led INPUT indicator

Only the finest quality components have been used in the TC-7510:

- Crystal CS8414 96kHz low jitter digital audio receiver
- Burr-Brown PCM 1716 24-bit/96kHz sampling CMOS Delta-Sigma D/A chip (used on the Marantz CD-17 MK III cd-player!)
- Class A biased 5532 low-noise, dual op amp as found in many sound studio mixing decks to ensure analogue integrity at the output stage
- Independent voltage lines for the analogue and digital parts in order to reduce power line interference
- Redesigned Black or Champagne coloured metal Chassis
- Comes with a newly designed and impressive 1.7Amp AC/DC adaptor that offers even better audio performance

Specifications:

- Frequency response: 20hz –20,000hz
- Amplitude linearity: >1.06dB
- Channel separation: >100dB@ 1000hz
- S/N ratio: >103dB
- Total harmonic distortion: <0.0015%@ 1khz
- Resolution capability: 24 bit
- Digital filter: 82dB
- Power supply input; 100-240VAC 50/60H, Power supply output: SMPS regulated 12VDC 1.7A
- HP output: 8-32 Ohm, 700mW
- Dimensions: 25 x 12 x 4 cm.
- Included optical cable

