



517 Multiple Compact Disc Player

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Please note that this document contains the text from the original product brochure, and some technical statements may now be out of date



The NAD 517 combines the convenience of a five disc "carousel" with the kind of performance that has won widespread acclaim for single-disc NAD players. Careful, innovative electrical and mechanical design endow the NAD 517 with a degree of audiophile sound quality not associated with a CD changer. And, of course, the NAD 517 represents excellent value for money - just as one expects from NAD. The NAD 517 offers all the convenience of a CD changer and more: Its drawer-loading transport accommodates five CDs, making uninterrupted music available for as long as six hours. Whilst playing one disc the listener can open the drawer and replace two discs. Fast disc and track access are also notable NAD 517 features.

Unlike many multi-disc designs the NAD 517's 32 random-access programming and automatic "Shuffle play" features can both operate across all loaded discs. Another useful feature of the NAD 517 is the edit function. Use of this feature means that abrupt ending on tapes recorded from CD's are a thing of the past. After having selected the total tape time available (side A + B) on the NAD 517 it will automatically decide how many tracks will fit on one side of the tape. The supplied remote control handset makes changing discs and/or tracks easy with its direct access numeric key-pad from the comfort of your listening chair.

Besides convenience, ease-of-use and keen pricing, NAD products are also renowned for their sound quality and the NAD 517 is no exception: Digital-to-Analogue conversion is handled by the now world-wide acclaimed Bit stream converter which, due to the nature in which it works, is free of all the non-linearity errors which plague so many of the Compact disc players equipped with Multi-Bit converters.

The NAD engineers realised that it is not just the Digital-to Analogue converter which has an impact on the sound quality. The digital and analogue power supply stages are separated from each other by means of individual regulators to prevent any contamination of the analogue audio signal from the digital section. The entire output stage is completely DC coupled - a feature to be found almost exclusively in expensive single disc players- and controlled by DC servo circuitry to prevent any DC offset on the output. The low output impedance ensures perfect interfacing with other components and interconnecting cables (even long stretches of cable) without any adverse effects.

High-Grade components, many with High-End pedigree, have been used throughout all circuits, normally only to be found in expensive single disc players. Furthermore, multi-stage filtering removes unwanted ultra-sonic by-products (which would otherwise cause interference with your amplifier and other components of your system) of the decoding process without affecting the critical audio band.

As usual with NAD products, future upgrading and flexibility is easy and straightforward. The NAD 517 boasts a coaxial digital output from which the digital data can directly be transferred to digital recording formats such as DAT, MD or DCC recorders. To maintain the integrity of the digital data stream and to isolate the Digital-to-Analogue converter from the outside world an isolating transformer between the converter and output has been used.

All these measures assure that the NAD 517 has almost unequalled sound quality, especially when compared to other CD changers. Apart from this sonic advantage, the NAD 517 also offers the high level of convenience demanded by today's discerning customer.

CD SECTION

Disc capacity	5 x 120mm or 80mm
Programming capacity	32 tracks
Digital-to-Analogue conversion	Bitstream
Digital filter	8 x oversampled linear phase
Analogue filter	5 pole active
Frequency response 5Hz - 20kHz	±0.5dB
De-emphasis error	±0.3dB
THD (at 0dB, 1kHz)	0.003%
Dynamic range	98dB
Linearity	±0.5dB; 0 to 90dB
Signal/Noise ratio (A-weighted)	>110dB
Channel separation	1kHz 95dB
Wow and flutter	Quartz accuracy
Output impedance	110Ω
Output level at 0dB	2.0V rms
Digital error correction	CIRC, double error correction in C1 & C2
Digital output	Sony/Philips serial data format
Remote	Yes
NAD Link	Yes

PHYSICAL SPECIFICATIONS

Dimensions (W x H x D)	435 x 108 x 395mm
Net weight	6.8kg
Shipping weight	7.7kg

Dimensions are of unit's cabinet without attached feet; add up to 18mm for total height.

Dimension depth excludes terminals, sockets, controls and buttons.