

CD700II

I N - C A R E N T E R T A I N M E N T



Since its introduction in 1999, the Nakamichi CD 700 In-Car Entertainment System has earned the distinction of being "the standard reference others are compared against". With its extraordinary sound quality and stylish design it has remained the pre-eminent mobile source of discerning car audio enthusiasts.

The CD 700II has an improved sonic performance, enhanced stability of the disc-drive mechanism and an advanced magnetic disc clamping system that bring forth new levels of digital performance.

With a highly refined and stronger magnetic disc clamping system, more sturdy magnetic force and disc chucking assembly, it provides greater stability and a substantial reduction in jitter. The entire mechanism has no direct contact with the unit's chassis, so the compact disc is immune from external vibrations, assuring a pure and precise digital-data readout.

An unique feature – partial eject – gives added disc protection and operating convenience.

Uncompromising in every respect, the CD 700II is the culmination of years of Nakamichi's research in the areas of electronic and mechanical engineering in relation to digital audio reproduction in the automobile.

Features

- Uncompromising sound quality
- Hand-selected left and right channel 24-bit D/A converters
- 4-gang rotary analog volume control
- Selectable Analog/Digital CD changer inputs
- 5-volt preamplifier output
- Safe and reliable disc handling
- Noise rejection shielding
- Aluminum faceplate and volume control knob
- CD changer controller

Specifications

Preamplifier Section

Frequency Response	15 - 30,000 Hz $\pm$ 1 dB (AUX to Pre Out)
Total Harmonic Distortion	0.001% (1 kHz)
AUX Input Level/Impedance	1 V/10 kohms
CDC Input Level/Impedance	1 V/10 kohms
Output Level	5 V
Tone Controls	
Bass	20 Hz $\pm$ 12 dB
Mid	1 kHz $\pm$ 9 dB
Treble	20 kHz $\pm$ 6 dB

FM Tuner Section

Frequency Range	
USA	87.5 - 107.9 MHz in 200-kHz steps
Other Area	87.5 - 108.0 MHz in 50-kHz steps
Sensitivity	10 dBf (0.9 μ V175 Ω)
Signal-to-Noise Ratio	60 dB (Mono)
Stereo Separation	35 dB (1 kHz)
Antenna Input	75 ohms (Unbalanced)

AM Tuner Section

Frequency Range	
USA	530 - 1,710 kHz in 10-kHz steps
Other Area	531 - 1,602 kHz in 9-kHz steps
Sensitivity	32 dB μ
Signal-to-Noise Ratio	45 dB

CD Player Section

System	Compact Disc Digital Audio
Error Correction	CIRC Principle
Sampling Frequency	44.1 kHz
D/A Converter Type	24-bit D/A converter with 8-times oversampling digital filter
Frequency Response	20 - 20,000 Hz $\pm$ 1dB
Signal-to-Noise Ratio	Better than 105 dB
Dynamic Range	Better than 100 dB
Total Harmonic Distortion	0.003% (1 kHz)

General

Power Source	14.4 V DC, negative ground (10.8~15.6V allowable)
Current Consumption	2.5 A
Installation Dimensions	
Main Unit	178(W) x 50(H) x 159.5(D) mm 7(W) x 1-15/16(H) x 6-1/4(D) inches
Outer Dimensions	
Main Unit	178(W) x 46(H) x 177.8(D) mm 7(W) x 1-15/16(H) x 7(D) inches
Power Supply Unit	137(W) x 31.2(H) x 85(D) mm 5-3/8(W) x 1-1/4(H) x 3-3/8(D) inches
Mass	
Main Unit	Approx. 1.6 kg / 3 lbs. 8 oz.
Power Supply Unit	Approx. 0.5 kg / 1 lbs. 2 oz.

Dimensions do not include protruding parts. Height is the panel height. Specifications and product features are subject to change without notice.

Authorized Distributor's Stamp

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