

Car Audio Sources



**“the music source
is the foundation of
system performance”**

An audio system is only as good as its signal source and the McIntosh Tuner/CD Controller utilizes the best quality automotive transport mechanisms and both analog and digital circuitry. The tuner section is unsurpassed in its sonic performance and both the digital and analog stages represent the highest order of design sophistication.

The McIntosh CD Changer is a prime example of the McIntosh philosophy. Behind the front panel is a heavy aluminum chassis which helps to eliminate extraneous noise that may be encountered in the automotive environment. A Digital/Analog Converter with a 24 bit digital signal processor provides the ultimate performance from compact discs.

The total performance in an audio system must depend upon the individual performance of each of its components. McIntosh believes that a thoroughly engineered, correctly interfaced component system provides a synergy that is difficult to approximate with a mix and match approach.

Power Guard® Clipping Protection
Dual 20-Bit D/A Converters
Low Distortion Analog Audio Controls
High Voltage DC Power Supply
Security Control System
High Level Outputs
Fiber-Optic Digital Output
6-Pack Magazine
3-Beam Laser Tracking System

A Tradition of Excellence



McIntosh Laboratory, Inc. 2 Chambers Street, Binghamton, New York 13903-2699
Tel (607) 723-3512 • US Toll-Free (800) 538-6576 • Fax: (607) 724-0549 • www.mcintoshlabs.com

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MX406 AM/FM/CD Player



The MX406 is a reference control center, providing traditional volume and balance functions as well as full changer controls. The MX406 brings the instant look of class, as well as familiar touches like the rotary volume control and analog bass/treble controls.

		FREQUENCY RESPONSE	CHANNEL SEPARATION	SIGNAL TO NOISE RATIO	DYNAMIC RANGE	THD	DIMENSIONS (HxWxD) WEIGHT
CD		20Hz to 20kHz +/-0.5dB	98dB	110dB (EIAJ)	100dB	0.004% (1kHz)	inch: 12.25 x 7.38 x 6.5 cm: (5.8 x 18.8 x 16.8) 5.1 lbs. (2.3kg)
		FM FREQ. RANGE	FM 50dB QUIET. SENS.	FM STEREO SEPARATION	FM STEREO FREQ. RESPONSE	AM FREQ. RANGE	AM USABLE SENS.
Tuner		87.9MHz to 107.9MHz	17dBf	35dB	30Hz to 17kHz +/- 3dB	530kHz to 1,710kHz	20uV
		LINE OUTPUT (CD)	BASS CONTROL ACTION (50Hz)	TREBLE CONTROL ACTION (10kHz)		SAMPLING FREQUENCY	
Audio		3V	12dB	12dB		44.1kHz	

MCD4000 6-Disc CD Changer



The MCD4000 6-Disc CD Changer features fiber optic digital output to the MX406, a heavy aluminum chassis for rigidity and a low-vibration suspension system that insures smooth and uninterrupted CD playback.

	READING SYSTEM	# OF REV.	ERROR CORR. SYSTEM	WOW & FLUTTER	POWER SUPPLY VOLTAGE	CURRENT CONSUMPTION	DIMENSIONS (HxWxD) WEIGHT
	Non-contacting laser reading (semiconductor laser used)	Approx. 500rpm to 200rpm (CLV)	CIRC	Below measuring limit (0.001%W at peak) EIAJ	14.4V DC (10.8V to 15.6V allowable)	1.0A	inch: 2.75x11.03x8.63 cm: 6.9 x 29.8 x 20.0 9.8 lbs. (4.5kg)

MDA5000 D/A Converter



The MDA5000 built-in HDCD® Circuitry with 8x over sampling provides the ultimate performance from CD's. Sound reproduction is sonically transparent and absolutely accurate.

	OUTPUT VOLTAGE	THD	DYNAMIC RANGE	FREQ. RESP.	SIGNAL TO NOISE RATIO	CHAN. SEP.	OUTPUT IMP.	DIMENSIONS (HxWxD) WEIGHT
Analog Audio	3.2 (+/-0.1)V RMS (CD mode) 6.4 (+/-0.2)V RMS (HDCD mode)	0.005% (1kHz)	Better than 98dB (1kHz)	+0, -0.5dB from 20Hz to 20,000Hz	Better than 110dB	Better than 105dB (1kHz)	600 ohms	inch: 3.0 x 10.7x 12.5 cm: 7.6 x 27.2 x 31.8 9.3 lbs.(4.2kg)
	D/A CONVERSION	DIGITAL FILTER	SAMPLING FREQUENCY	ANALOG FILTER	DIGITAL INPUTS	POWER REQ.		
Digital Audio	24 bit	8 times over sampling	44,100Hz	2nd Order Butterworth Filter	Coaxial 0.5V -p/75 ohm (inputs 1&2) Optical (input 3)	14V DC (10.8V to 15.6V available), 0.65A		

MPM4000 Power Output Meter



The McIntosh MPM4000 Power Output Meter allows you to see the actual power output from the McIntosh Power Amplifier even though it is mounted elsewhere in the car. The direct reading wattage meters are calibrated to read from 1/100th of a watt up to 200 watts all packaged in a din chassis that mounts perfectly under the MX406.

- Compatible with a McIntosh Control Center and Power Amplifiers
- McIntosh traditional Analog Meter Display
- Wide Dynamic Range
- Elegantly refined McIntosh blue illumination
- The meter display will illuminate by turning the power ON.

POWER REQ.	DIMENSIONS (HxWxD) WEIGHT
12V DC @ 0.5A	inch: 2.25x 7.38 x 4.25 cm: 5.8 x 18.8 x 10.7 1.21 lbs. (.54kg)