

# MXA60 INTEGRATED AUDIO SYSTEM



Constructed in celebration of our 60th year in business, and wrapped in our trademark casework of stainless steel, black glass and blue lights, the MXA60 Integrated Audio System challenges old notions about what constitutes serious audio hardware. Capable of true-to-life sound reproduction that belies its diminutive size.

#### AMPLIFIER AND PREAMPLIFIER

At the core of the MXA60 is a conservatively rated 75 watt per channel, complementary-balanced amplifier with traditional 'blue-eyes' watt-meters. Very low noise solid state circuitry and a vacuum tube assisted line stage give the MXA60 the sound quality and transparency for which McIntosh components are noted.

#### CD/SACD PLAYER

The CD/SACD player features an all-metal drive mechanism set in a heavy, die-cast base that resists resonance for superior read accuracy while 24-bit, 192 kHz Burr Brown DACs deliver wide dynamic range and extremely low distortion. The MXA60 drive reads SACD, hybrid SACD, CD, CD-R, CD-RW discs.

#### AM/FM TUNER

A software-controlled, digital AM/FM/RBDS tuner combines outstanding reception capability with remarkable sound quality. A McIntosh RAA2 remote AM antenna module (included) provides dramatically superior AM reception when installed remotely.

#### LOUDSPEAKERS

Specially designed 2-way loudspeakers, featuring select driver elements housed in custom extruded aluminum cabinetry, achieve an unusually rich and full sized level of performance. Compact cast aluminum enclosures are designed to inhibit resonance and provide a tilt option to match the swept stance of the electronics. The loudspeakers are finished in a luxurious, high gloss piano black.

60th Anniversary Model

75 Watts Per Channel Output

Two-way Loudspeaker System

Cast Aluminum Loudspeaker Construction

Loudspeaker Tilt

CD/SACD Player

24-bit, 192kHz Sampling  
Burr Brown DAC

AM/FM Tuner with RBDS Display

Custom IR Remote Control

Balanced and Unbalanced  
Audio Input

Line Level Output

Vacuum Tube Preamplifier

# McIntosh®

LEGENDARY™



## FOR THE CONSUMER'S PROTECTION

In order to ensure the highest level of customer satisfaction, "new" McIntosh products may only be purchased over-the-counter or delivered and installed by an Authorized McIntosh Dealer.

McIntosh products that are purchased over the Internet, by phone or mail order are presumed to be "used" and do not qualify for any McIntosh Warranty. McIntosh does not warrant, in any way, products that are purchased from anyone who is not an Authorized Dealer or products that have had their serial number altered or defaced.

# McIntosh®

www.mcintoshlabs.com

### AMPLIFIER/PREAMP SPECIFICATIONS

#### POWER OUTPUT

75 watts into an 8 ohm load is the minimum sine wave continuous average power output, both channels operating

#### OUTPUT LOAD IMPEDANCE

8 ohms

#### RATED POWER BAND

20Hz to 20,000Hz

#### TOTAL HARMONIC DISTORTION

0.05% maximum harmonic distortion at any power level from 250 milliwatts to rated power, 20Hz to 20,000Hz

#### DYNAMIC HEADROOM

1.6dB

#### FREQUENCY RESPONSE

+0, -0.5dB from 20Hz to 20,000Hz  
+0, -3dB from 10Hz to 100,000Hz

#### MAIN/SUB OUTPUT

1.2V for rated input (4V Maximum)

#### SENSITIVITY (FOR RATED OUTPUT)

Input 1: 300mV unbalanced  
Input 2: 600mV balanced

#### SIGNAL TO NOISE RATIO (A-WEIGHTED)

CD, Input1,  
Input 2: 98dB below rated output

#### INTERMODULATION DISTORTION

0.05% maximum, if the instantaneous peak power output is 150 watts or less per channel with both channels operating for any combination of frequencies from 20Hz to 20,000Hz

#### WIDE BAND

#### DAMPING FACTOR

Greater than 100

#### INPUT IMPEDANCE

Input 1: 20K ohms unbalanced  
Input 2: 20K ohms balanced

#### MAXIMUM INPUT SIGNAL

Input 1: 4V  
Input 2: 8V

#### MAIN/SUB OUTPUT IMPEDANCE

500 ohms

#### POWER GUARD

Less than 2% THD with up to 12dB overdrive at 1,000Hz

#### VOLTAGE GAIN

Input 1 and 2 to Main  
Output: 12dB  
Power Amplifier: 26dB

#### TONE CONTROLS (BASS AND TREBLE)

Bass  $\pm$ 10dB (in 1dB steps) at 70Hz  
Treble  $\pm$ 10dB (in 1dB steps) at 10kHz

#### HEADPHONE IMPEDANCE

20-300 ohms

#### FM TUNER SPECIFICATIONS

TUNING RANGE  
87.5Mhz - 108.0Mhz (Europe)  
87.9Mhz - 107.9Mhz (USA)  
76Mhz - 90Mhz (Japan)

#### ANTENNA INPUT

75 Ohms, Type "F"  
Coax connector

#### USABLE SENSITIVITY

2.2uV (18.1dBf)

#### 50DB QUIETING SENSITIVITY

1.5uV (14.8dBf)

#### SIGNAL TO NOISE RATIO

Mono: 70dB  
Stereo: 68dB

#### FREQUENCY RESPONSE

$\pm$ 1dB 20 to 15,000Hz

#### HARMONIC DISTORTION

Mono: 0.4%  
Stereo: 0.8%

#### CHANNEL SELECTIVITY

60dB Adjacent Channel  
66dB Alternate Channel

#### STEREO SEPARATION

38dB

#### AM TUNER SPECIFICATIONS

##### TUNING RANGE

522khz - 1602khz (Europe)  
530khz - 1710khz (USA)  
522khz - 1611khz (Japan)

#### ANTENNA INPUT

RAA2 (supplied),  
Type "RJ45" connector

#### SENSITIVITY

350uV/m

#### SIGNAL TO NOISE RATIO

50dB

#### FREQUENCY RESPONSE

0dB, -6dB 50Hz to 3,000Hz

#### HARMONIC DISTORTION

0.5%

#### SELECTIVITY

45dB Adjacent Channel

#### SACD/CD PLAYER SPECIFICATIONS

##### DISC FORMATS

SACD, CD, MP3 and WMA

##### TRANSPORT

Laser Type: Twin Beam  
Laser Beam Wavelength:  
650nm (SACD)/790nm (CD)  
Laser Power: CLASS IIa/CLASS I

#### DYNAMIC RANGE

Better than 100dB

#### CHANNEL SEPARATION

Better than 98dB (1,000Hz)

#### LOUDSPEAKER SPECIFICATIONS

##### SYSTEM DRIVER COMPLEMENT

One 4 inch Woofer/Midrange  
One 3/4 inch Dome Tweeter

#### IMPEDANCE

8 ohms Nominal

#### FREQUENCY RESPONSE

60Hz - 45kHz

#### SENSITIVITY

80dB (2.83V/1m equivalent)

#### CROSSOVER FREQUENCY

2,000Hz

#### POWER HANDLING

75 Watts

#### FINISH ENCLOSURE

High Gloss Black

#### FINISH GRILLE

Black Knit Cloth

#### GENERAL SPECIFICATIONS

##### POWER REQUIREMENTS

100V ~ 50/60Hz at 3.0 Amps  
110V ~ 50/60Hz at 2.5 Amps  
120V ~ 50/60Hz at 2.5 Amps  
220V ~ 50/60Hz at 1.5 Amps  
230V ~ 50/60Hz at 1.3 Amps  
240V ~ 50/60Hz at 1.3 Amps  
Standby: Less than 0.5 watt

Note: Refer to the rear panel of the MXA60 for the correct voltage.

##### SYSTEM OVERALL DIMENSIONS

Width is 22 inches (55.88cm)  
Height is 10-7/8 inches (27.62cm)  
Depth is 16 inches (40.64cm)  
including connectors

Note: When the Disc Player Tray is opened, the panel clearance required in front of mounting panel is 6-3/4 inches (17.2cm).

##### SYSTEM WEIGHT

64 lbs. (29.03 Kg) net,  
80 lbs. (36.28 Kg) in shipping carton

##### SYSTEM SHIPPING

##### CARTON DIMENSIONS

Width is 35 inches (88.9cm)  
Depth is 20 inches (50.8cm)  
Height is 15-1/2 inches (39.4cm)

To experience the legendary performance of McIntosh, please call on us at 1-800-538-6576