The debate over which sounds better; tubes or transistors, is still going strong after forty years. McIntosh has led in both technologies and the C1000 raises the bar once again. A three chassis design allows the customer the flexibility to choose solid state, vacuum tube or both technologies.

Music handling is accomplished in its own Dual Mono, preamplification module, yielding over 130dB of channel separation for ultimate stereo fidelity.

All three modules may be combined for the ultimate in flexibility, with each source available through either preamplification module, selectable at the push of a remote-control button.

The C1000’s are available exclusively through select McIntosh Authorized Premier Dealers.
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.

C1000 Controller Preamp

TRI-AMPLIFICATION
All three balanced outputs carry the same signal and bypass switching when the TRI-MODE is programmed. This allows tri-amplification of a speaker set, while the unbalanced outputs will still switch to control a remote amplifier.

VRV (VARIABLE RATE VOLUME)
DIGITALLY CONTROLLED ATTENUATOR
The output attenuator controls volume over 214 steps of .5dB each with accuracy within .1dB. The volume versus rotation rate varies as preamplifier gain varies and attenuation changes occur at the zero crossings of the audio signal to prevent audible artifacts during adjustment.

ELECTROMAGNETIC SWITCHING
Signal routing is accomplished through digitally controlled electromagnetic switching devices. Precision switch contacts, isolated from environmental contamination inside inert gas-filled tubes, provide the most reliable, quietest and lowest distortion switching possible.

PHONO SECTION FLEXIBILITY
Moving Magnet has adjustable capacitance from the remote to allow flexibility in matching your favorite turntable. Moving Coil offers adjustable resistance also from the remote control for the same flexibility.

FREQUENCY RESPONSE
C1000P: +0, -0.5dB from 10Hz to 40kHz
C1000T: +0, -0.5dB from 10Hz to 20kHz

TOTAL HARMONIC DISTORITION
C1000P: 0.002% max from 20Hz to 20kHz
C1000T: 0.8% from 20Hz to 20kHz

RATED OUTPUT
C1000P and C1000T: Balanced: 5VRMS at MAIN, SPKR1 and SPKR2
Unbalanced: 2.5VRMS at MAIN, SPKR1 and SPKR2

MAXIMUM VOLTAGE OUTPUT
C1000P: 12V RMS Unbalanced,
25V RMS Balanced
C1000T: 8V RMS Unbalanced,
16V RMS Balanced

INPUT IMPEDANCE
C1000P and C1000T: High Level, 22k ohms
Phono MM, 47k ohms; 50 to 750pF, in 50pF steps
Phono MC, 25, 50, 100, 200, 400 or 1,000 ohms; 100pF

OUTPUT IMPEDANCE
C1000P and C1000T: 220 ohms

SENSITIVITY
C1000P: High Level, 450mV for 2.5V rated output
Phono MM, 4.5mV for 2.5V rated output
Phono MC, 0.45uV for 2.5V rated output
Phono C1000T: High Level, 450mV for 2.5V rated output
Phono MM, 4.5mV for 2.5V rated output
Phono MC, 0.45mV for 2.5V rated output

SIGNAL-TO-NOISE RATIO
C1000P: High Level 100dB; Phone 88dB
C1000T: High Level 93dB; Phone 80dB

CHANNEL SEPARATION
C1000P and C1000T:
Greater than 130dB

MAXIMUM INPUT SIGNAL
C1000P and C1000T: High Level,
5V Unbalanced, 10V Balanced
Phono MM, 50mV; Phone MC, 5mV

VOLTAGE GAIN
C1000P and C1000T:
Phono, MC to Record Out: 60dB
Phono, MM to Record Out: 40dB
High Level to Record Out: 0dB
High Level to Main Out: 15dB

POWER REQUIREMENTS
100 Volts, 50/60Hz, 120 Watts
110 Volts, 50/60Hz, 120 Watts
120 Volts, 50/60Hz, 120 Watts
220 Volts, 50/60Hz, 120 Watts
230 Volts, 50/60Hz, 120 Watts
240 Volts, 50/60Hz, 120 Watts

TUBE COMPLIMENT C1000T
High Level: 4-12AX7A
Phone: 4-12AX7A

OVERALL DIMENSIONS (H x W x D including knobs, connectors and feet)
C1000C, C1000P and C1000T:
6” (15.24cm) x 17-1/2” (44.45cm) x 24” (61cm)

WEIGHT
C1000C: 39 lbs. (17.7kg) net;
61.4 lbs. (27.9kg) in shipping carton
C1000P: 33 lbs. (15kg) net;
53.6 lbs. (24.3kg) in shipping carton
C1000T: 34 lbs. (15.4kg) net;
54.6 lbs. (24.8kg) in shipping carton.