

# McIntosh®

AUDIO CONTROL CENTER

## C-36 ...made in U.S.A.



# C-36 AUDIO CONTROL CENTER

## FEATURES AND BENEFITS

**Logic Driven Electromagnetic Switching**  
DIGITAL LOGIC integrated circuits drive ELECTROMAGNETIC SWITCHES for the most reliable, lowest distortion signal switching available today.

**Separate Listen and Record Input Switching**

Two independent selectors allow for recording from one source while listening to another.

**Gold Plated Input and Output Jacks**

Gold plating is chosen because of superior corrosion resistance.

**Nine Program Source Selections**

PHONO/AUX, CD1, CD2, TUNER, TAPE 1, TAPE 2, TAPE 3, and VIDEO for both LISTEN and RECORD.

**Exclusive McIntosh Tone Control Circuits**

The tone control circuits provide 12dB of BASS or TREBLE boost or cut. At the center or detent control positions, all tone control circuit components are removed from the signal path and the frequency response is flat.

**Active Variable Loudness Compensation**

Loudness compensation can be added at any setting of the VOLUME control making it independent of program level. Its circuit elements are removed from the signal path when the control is fully counterclockwise.

**Dual Processor Loops**

Separate processors can be used for RECORD and LISTEN.

**Precision Volume Control**

Left and Right sections of the volume control have accurate channel balance at all settings.

**Double Shielded Power Transformer**

Copper and steel shielding eliminate hum pickup from the power transformer.

**Electronically Regulated Power Supply**

Regulators maintain normal operation even during power line voltage fluctuations.

**Auto Muting**

The outputs are muted for 2 seconds during power up to prevent hearing annoying clicks and pops generated by other equipment.

**Extra Switched Outputs**

Extra switched audio outputs are provided to feed additional amplifiers for remote areas.

**Headphone Jack**

A HEADPHONE JACK and amplifier are provided for private listening.

## SPECIFICATIONS

### PERFORMANCE LIMITS

**FREQUENCY RESPONSE**

+0, -0.5dB from 20Hz to 20,000Hz

**RATED OUTPUT**

2.5V at MAIN and SWITCHED 1 and 2 Outputs

**OUTPUT IMPEDANCE**

Main 600 ohms

**MAXIMUM VOLTAGE OUTPUT**

Main and Switched 1 and 2 outputs, 8V from 20Hz to 20,000Hz

**TOTAL HARMONIC DISTORTION**

0.002% maximum from 20Hz to 20,000Hz at rated output

**SENSITIVITY**

Phono: 2.5mV for 2.5V rated output, (0.5mV IHF)

High Level: 250mV for 2.5V rated output (50mV IHF).

**SIGNAL TO NOISE RATIO, A-WEIGHTED**

Phono: 90dB below 10mV input, (84dB IHF).

High Level: 105dB below rated output (95dB IHF).

**MAXIMUM INPUT SIGNAL**

Phono: 90mV

High Level: 10V

**INPUT IMPEDANCE**

Phono: 47K ohm and 65pF capacitance

High Level: 22K ohms

**VOLTAGE GAIN**

Phono to Tape: 40dB

Phono to Main: 60dB

High Level to Tape: 0dB

High Level to Main: 20dB

**TONE CONTROLS**

Bass and Treble variable 12dB boost to 12dB cut

**AC POWER OUTPUTS**

8 Switched, and 1 unswitched

**POWER REQUIREMENTS**

120 Volts, 50/60Hz, 15 watts

### MECHANICAL INFORMATION

**SIZE**

Front Panel, 17 1/2 inches (44.5cm) wide, by 5 3/8 inches (13.7cm) high. Depth behind mounting panel including clearance for connectors is 15 1/2 inches (40cm). Knob clearance required in front of mounting panel is 1 3/8 inches (3.5cm).

**FINISH**

The top section of the front panel is glass with gold/teal nomenclature illumination. The bottom section is anodized black aluminum. The chassis is black.

**MOUNTING**

Exclusive McIntosh developed professional PANLOC.

**WEIGHT**

18 pounds (8.2kg) net, 30 pounds (13.6kg) in shipping carton.

Franchised Dealer:



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