

# THE SOLID STATE PREAMPLIFIER ALL OTHER SOLID STATE PREAMPLIFIERS HAVE TRIED TO BE...

## *the* McIntosh C 24



C 24 \$249.00 Cabinet \$29.00

Two years of research brings you the preamplifier that makes distortion a thing of the past. The McIntosh C 24 solid state preamplifier is 99.9% perfect.

AUDIO magazine in the Equipment Profile said this about low distortion in C 24: "... less than 0.1 percent from 20 to 20,000 cps." "...impressive performance figures..." The C 24 uses 18 silicon planar solid state devices. Design excellence, coupled with testing gives the C 24 its superior performance. Like all McIntosh products the C 24 must meet its published specifications before it is shipped. Each circuit, each electrical connection, each function is checked and rechecked. Exacting McIntosh testing takes time. The extra time invested in more and thorough testing allows McIntosh to make an unheard of guarantee. You will receive a full cash refund of our advertised price if your C 24 fails

to meet its specifications. No other manufacturer offers this money back guarantee.

McIntosh engineering has developed new sophisticated circuitry for maximum performance and reliability. Good engineering practices require the use of more expensive silicon plane transistors. Careful attention to details is standard at McIntosh. This care gives the C 24 the best dynamic range of "any solid state preamplifier." Your music will never sound harsh or distorted from input overload.

McIntosh offers you three years of trouble free performance. With your C 24 you are offered a FREE THREE YEAR FACTORY SERVICE CONTRACT. This means you can't pay for the service of your C 24 for three full years! Transportation to and from service agency are the only limitations.

# C 24 SPECIFICATIONS

## ELECTRICAL SPECIFICATIONS

**FREQUENCY RESPONSE:** +0 -0.5 dB, 20 Hz through 20,000 Hz.

**DISTORTION:** Less than 0.1% at 2.5 volts output, 20 Hz through 20,000 Hz; Less than 0.3% at 10 volts output, 20 Hz through 20,000 Hz.

**INPUT SENSITIVITY AND IMPEDANCE:** Auxiliary Tape, Tuner, and Tape Monitor .20 volts, 250,000 ohms for 2.5 volt output. Phono 1 and Phono 2: 2 millivolts 47,000 ohms. Tape Head: 2 millivolts, 1 megohm.

**TOTAL NOISE:** High level inputs: 75 dB below rated output. Low level inputs: 70 dB below 10 millivolt input equivalent to less than 3 microvolts at input.

**MAIN OUTPUTS:** 2.5 volts output with rated input.

**TAPE OUTPUTS:** .20 volts into 25,000 ohms with rated input; 1.2 volts with 10 millivolts at phono input.

**LEFT PLUS RIGHT OUTPUT:** 2.5 volts from generator impedance of 10K ohms; controlled  $\pm 6$  dB from normal stereo output level.

**BASS CONTROLS:**  $\pm 18$  dB at 20 Hz, friction clutch for independent adjustment of each channel.

**TREBLE CONTROLS:**  $\pm 18$  dB at 20,000 Hz, friction clutch for independent adjustment of each channel.

**COMP (Compensator) SWITCH:** RIAA or LP phono equalization.

**TAPE SWITCH:** Normal or Tape Monitor.

**LF FILTER:** Flat, or 50 Hz cutoff, 12 dB per octave.

**HF FILTER:** Flat, or 5,000 Hz cutoff, 12 dB per octave.

**PHASE SWITCH:** Normal (0) or reverse (180)

**SPEAKER SWITCH:** Speakers connected through back panel terminals, ON or OFF (25 Watt load resistors automatically connected on power amplifier in OFF position).

**HEADPHONE JACK:** For low impedance headphones.

**INPUT SELECTOR:** 6 positions, AUX, TAPE, TUNER, PHONO 1, PHONO 2, TAPE HEAD.

**MODE SELECTOR:** 7 positions, L to L and R, R to L and R, STEREO REVERSE, STEREO, MONO (L+R), L+R to L, L+R to R.

**LOUDNESS CONTOUR CONTROL:** Flat response, or continuously variable bass and treble compensation as volume level is lowered.

**SILICON-PLANAR TRANSISTOR COMPLEMENT:** (18 total); 10-Q103, 7-Q101, 1-Q102

**POWER REQUIREMENTS:** 105-125 volts AC, 60 Hz, 8 watts.

## MECHANICAL SPECIFICATIONS

**SIZE:** Front panel, 16 inches wide by  $5\frac{7}{16}$  inches high; chassis 15 inches wide by 5 inches high by 11 inches deep, including connectors. Clearance in front of mounting panel including knobs,  $1\frac{1}{2}$  inches.

**WEIGHT:** 17 pounds net, 25 pounds in shipping carton.

**FINISH:** Anodized gold and black (front panel)

### FRANCHISED DEALER

*Stereoland, Inc.*  
AUDIO SERVICE CO.  
*Stereo & Industrial Sound Equipment*  
*Records & Tape*  
168 Water St. Phone 722-3403  
BINGHAMTON, N. Y.

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**2 Chambers St., Binghamton, N. Y. 13903**

Phone area 607 723-3512

Made in U.S.A.

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