

# McIntosh C26



C 26 SHOWN IN OPTIONAL WALNUT VENEER CABINET

## Solid State Preamplifier

Performance is important to your listening expectations. With a McIntosh you are assured of highest performance because McIntosh **guarantees performance**. Your C 26 **must** be capable of meeting its advertised performance limits or your purchase price will be refunded. McIntosh promises performance and delivers performance.

Low distortion is a requirement for high performance in a preamplifier. A typical wave form analysis of the C 26 at 2.5 volts output is a 99.95% perfect reproduction of the input wave, 20 Hz through 20,000 Hz!

### RELIABILITY

Endless hours are invested by our engineers carefully and thoroughly testing and retesting individual component parts. These hours are required to provide you with the highest degree of reliability that modern design and manufacturing can produce. As an example: the front panel is constructed of materials that are nearly indestructible. The combination of anodized aluminum and glass are impervious to attacks by acids and oils. The subtle beauty of the C 26 will remain unblemished year, after year, after year. This attention to detail increases the value of a McIntosh at trade in time. And because of the testing program, McIntosh promises you complete freedom from service costs for the first THREE YEARS that you own your C 26.

- Control remote loudspeaker and main system loudspeakers from the preamplifier
- Record on one or two tape recorders, monitor either one or record from one tape recorder to another!
- Headphone jack for low impedance headphones
- Stepped tone controls, separate in each channel permits the accurate repeatability of tone control settings
- Continuously variable loudness control permits amount of loudness compensation you want
- High frequency and low frequency filters
- Six-position input selector
- Center channel level control
- Phase control
- Balance control

The McIntosh C 26 is the best value in a solid state preamplifier, anywhere. You get complete protection from all service cost for three full years. Only McIntosh offers a free THREE YEAR SERVICE CONTRACT. You can't pay us to service your C 26 for the first three years you own it. Both parts and labor are included in the service contract. You are assured of highest performance because every unit is individually tested using internationally recognized test procedures. You are assured of greatest reliability because every component part is carefully tested and evaluated before it is designed in a McIntosh. The McIntosh C 26 is the finest expression of PERFORMANCE • RELIABILITY • FLEXIBILITY • BEAUTY.

# Performance Limits

*Performance Limits* are the maximum deviation from perfection permitted for a McIntosh instrument. We promise you that the C 26 you buy must be capable of performance at or exceeding these limits or you get your money back. McIntosh is the only manufacturer that makes this guarantee.

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

**DISTORTION:** Will not exceed 0.1% at rated output level, 20 Hz to 20,000 Hz.

#### **INPUT SENSITIVITY AND IMPEDANCE:**

AUXILIARY, TUNER, TAPE 1, TAPE 2 0.25 volts at 250,000 ohms.

PHONO 1 and PHONO 2 2 millivolts at 47,000 ohms (1,000 Hz).

#### **HUM AND NOISE:**

AUXILIARY, TUNER, TAPE 1, TAPE 2 85 dB below rated output.

PHONO 1, PHONO 2 74 dB below 10 millivolts input, equivalent to less than 2 microvolts at the input terminals.

#### **OUTPUT LEVEL AND IMPEDANCE:**

MAIN OUTPUT 2.5 volts with rated input, 200 ohms source impedance, to operate into 47,000 ohms or greater.

TAPE OUTPUT 0.25 volts from low level inputs, 200 ohms source impedance, to operate into 47,000 ohms or greater.

CENTER CHANNEL OUTPUT (L + R) 2.5 volts with rated input to both channels, 1,200 ohms source impedance, to operate into 47,000 ohms or greater. A level control adjusts the CENTER CHANNEL output from -6 dB to +6 dB with respect to MAIN output.

#### **VOLTAGE AMPLIFICATION:**

AUXILIARY, TUNER, TAPE 1 and TAPE 2

to MAIN OUTPUT 20 dB

to TAPE OUTPUT 0 dB

PHONO 1 and PHONO 2 (at 1,000 Hz)

to MAIN OUTPUT 62 dB

to TAPE OUTPUT 42 dB

#### **AC POWER OUTLETS:**

1 unswitched (Red)

4 switched

#### **POWER REQUIREMENT:**

120 volts, 50/60 Hz, 15 watts

#### **FACILITIES AND FEATURES**

##### **BASS**

11 position rotary switch for each channel.

##### **TREBLE:**

11 position rotary switches for each channel.

##### **LOUDNESS:**

Flat response, or continuously variable

##### **VOLUME:**

Precision "tracked" at all listening levels. The AC power ON/OFF switch is coupled with this control.

##### **LF FILTER (Rumble Filter)**

Flat or roll-off 6 dB per octave below 50 Hz, down to 12 dB at 20 Hz.

##### **HF FILTER (Scratch Filter)**

Flat or roll-off 6 dB per octave above 6,000 Hz, down 12 dB at 20,000 Hz.

##### **SPEAKER**

MAIN — Switch MAIN loudspeaker system.

REMOTE — Switch REMOTE loudspeaker system.

##### **TAPE MONITOR:**

Two pushbutton switches. Either of two tape recorders can be monitored.

##### **TRANSISTOR COMPLEMENT:**

18 silicon-planar transistors, and 3 silicon diodes.

##### **MECHANICAL INFORMATION**

**SIZE:** Front panel: 16 inches wide (40.64 cm) by 5-7/16 inches high (13.81 cm). Chassis: 15 inches wide (38.1 cm) by 5 inches high (12.7 cm) by 13 inches deep (33.02 cm) including PANLOC mounting brackets and back panel connectors. Knob clearance required is 1½ inches (3.81 cm) in front of the mounting panel.

**FINISH:** Front panel is anodized gold and black with special McIntosh gold/teal panel nomenclature illumination. Chassis is black.

**MOUNTING:** Exclusive McIntosh developed professional PAN-LOC.

**WEIGHT:** 18 pounds (8.16 kg) net, 33 pounds (14.97 kg) in shipping carton.

FRANCHISED DEALER

**McIntosh** LABORATORY INC.

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

Phone area 607 723-3512

Ceretti

Made in U.S.A.

# If You're in a Hurry

## C-26

### A- INPUT SELECTOR

**AUX:** Connects any source requiring flat amplification plugged into AUX jacks on the back panel to the C 26 input stages

**TAPE 1:** Connects the output of a tape recorder (with its own electronics) plugged into the TAPE 1 jacks on the back panel to the C 26 input stages

**TAPE 2:** Connects the output of a second tape recorder (with its own electronics) plugged into the TAPE 2 jacks on the back panel to the C 26 input stages

**TUNER:** Connects the output of a tuner plugged into the TUNER jacks on the back panel to the C 26 input stages

**PHONO 1:** Connects the output of a record player or turntable plugged into the PHONO 1 jacks on the back panel to the C 26 preamplifier stages

**PHONO 2:** Connects the output of a second record player or turntable plugged into the PHONO 2 jacks on the back panel to the C 26 preamplifier stages

### B- MODE SELECTOR

For all stereo programs use the STEREO or STEREO REVERSE positions. All other positions are designed to handle monophonic programs.

**C- VOLUME ON/OFF:** Turns the AC power to the C 26 on and adjusts loudness of sound to suit your taste

**D- TREBLE:** The high frequency program material is modified to suit your taste. Right channel is the large knob, the left channel is the small knob.

**E- BASS:** The low frequency program material is modified to suit your taste. Right channel is the large knob, the left channel is the small knob.

**F- BALANCE:** Permits the adjustment for unequal sound caused by room acoustics or program material. One speaker is made louder than the other.

**G- LOUDNESS:** Frequency response is adjusted as volume is reduced to compensate for hearing losses at low volumes.

**H- HEADPHONES:** Plug in a set of low impedance stereo headphones.

### I- PUSH BUTTONS

**MAIN:** (speakers when properly connected in the back panel) Push in—MAIN speakers OFF, Out—MAIN speakers ON

**REMOTE:** Push in—REMOTE speakers OFF, Out—REMOTE speakers ON

**HF:** Push in—High frequencies are reduced to suppress unwanted noise; Out—flat response

**LF:** Push in—Low frequencies are reduced to suppress unwanted rumble; Out—flat response

**TAPE 1:** Push in—Monitor the program being recorded on TAPE recorder 1; Out—Hear the program recorded on TAPE recorder 1

**TAPE 2:** Push in—Monitor the program being recorded on TAPE recorder 2; Out—Hear the program recorded on TAPE recorder 2

