

THE McIntosh C20 PUTS SOUND CONTROL AT YOUR FINGERTIPS



C20 \$269.00 CABINET \$25.00

The C20 Stereo Pre-amplifier is unmatched in flexibility of operation for all stereophonic and monophonic program sources.

30 combinations of record compensation perfectly match current stereo records as well as valuable monophonic records.

The tape compare switch allows instant "off-tape" comparison of the program with the recording.

An additional tape recorder may be conveniently connected to the C20 through front panel tape

jacks for tape copying, recording, or playback.

The C20 continuously variable loudness control automatically compensates for hearing characteristics as it lowers the volume. Full bass and treble balance are maintained at even the softest listening levels.

The McIntosh C20 has been selected by thousands of music lovers and discriminating professionals, as the performance standard of the industry for more than 5 years.

C20 SPECIFICATIONS

FREQUENCY RESPONSE

±0.5db 20 to 20,000 cycles.

DISTORTION

Less than 0.2% at 2.5V output, 20 to 20,000 cycles.

HUM AND NOISE

High level inputs: 85db below 2.5V.

Low level inputs: less than 2 microvolts at input terminals.

INPUT SENSITIVITY AND IMPEDANCE

Auxiliary, Tape, Tuner 1, Tuner 2: 0.25 volts 470,000 ohms.

Tape Compare (Monitor): 0.25 volts 115,000 ohms.

Phono 1, Phono 2, (Low): 2 to 10 millivolts 47,000 ohms.

Phono 1, Phono 2, (High): 10 to 70 millivolts 47,000 ohms.

Tape Head 1, Tape Head 2: 2-10 millivolts 47,000 ohms.

Xtal-Ceramic Phono 1, Xtal-Ceramic Phono 2: 0.1 volt (220 mmf in series with 47,000 ohms).

OUTPUTS

Main (2 jacks on each channel): 2.5V with rated input.

Tape: 0.25V with rated input.

Left plus Right: 2.5V from source impedance of 23,000 ohms.

VOLTAGE AMPLIFICATION

Low Level Inputs to Main Output:

60db (1000 to 1) @ 1000 cycles.

Low Level Inputs to Tape Output:

40db (100 to 1) @ 1000 cycles.

High Level Inputs to Tape Output: 0db (1 to 1).

Tape Monitor Input to Main Output: 20db (10 to 1).

AUXILIARY AC OUTLETS (5)

1 unswitched for turntable (Red), 4 switched (Black).

POWER REQUIREMENTS

35 watts @ 117V 60 cycles AC.

MODE SELECTOR

Stereo Reverse, Stereo, Left Channel—only, Right Channel

—only, Left Channel to both speakers, Right Channel to both speakers.

BALANCE

Compensates for unbalanced program source.

PHASE

Reverses phase (180°) in left channel.

HF CUTOFF FILTER

Flat, 9KC cutoff, 5KC cutoff.

LOUDNESS

Continuously variable, reducing loudness with bass and treble boost according to Fletcher-Munson hearing characteristics.

INPUT SELECTOR

Auxiliary, Tape, Tuner 1, Tuner 2, Phono 1 Stereo, Phono 1 Mono, Phono 2 Stereo, Phono 2 Mono, Tape Head 1, Tape Head 2.

BASS RECORD COMPENSATOR

0 (flat response), 300 cycle turnover, 400 cycle turnover, RIAA, LP, Tape.

TREBLE RECORD COMPENSATOR

Tape (flat response), -5db @ 10KC, -10db @ 10KC, -12db @ 10KC, RIAA, LP.

BASS TONE CONTROL

+16db -20db @ 20 cycles.

TREBLE TONE CONTROL

+13db -18db @ 20,000 cycles.

VOLUME CONTROL

Combined with AC power switch.

RUMBLE FILTER

50 cycles cutoff, -25db @ 20 cycles.

TAPE JACK SWITCH

In-Playback (for playback from external tape recorder into C20 front panel jacks)

Out-Record (for recording from front panel jacks into external tape recorder).

TAPE COMPARE SWITCH

Out (normal operation)

In (for monitoring off tape while recording).

LOW FREQUENCY TRIM CONTROLS (back panel)

+6db @ 50 cycles (500 cycle turnover), -8db @ 20 cycles (200 cycle turnover), for equalizing speaker or room characteristics.

TAPE JACKS (front panel)

For playback or recording from external portable tape recorder.

FINISH

Gold anodized aluminum and black glass.

SIZE

15⁵/₈" wide; 5¹/₈" high; 12¹³/₁₆" deep (overall behind front panel); 1¹/₄" clearance in front of mounting panel including knobs.

WEIGHT

Preamplifier only, 18 pounds.

In shipping carton, 28¹/₂ pounds.

Franchised Dealer

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