

THE McIntosh C20 PUTS SOUND CONTROL AT YOUR FINGERTIPS



C20 \$269.00 CABINET \$25.00

The C20 Stereo Preamplifier 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.	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.
DISTORTION Less than 0.2% at 2.5V output, 20 to 20,000 cycles.	BASS RECORD COMPENSATOR 0 (flat response), 300 cycle turnover, 400 cycle turnover, RIAA, LP, Tape.
HUM AND NOISE High level inputs: 85db below 2.5V. Low level inputs: less than 2 microvolts at input terminals.	TREBLE RECORD COMPENSATOR Tape (flat response), -5db @ 10KC, -10db @ 10KC, -12db@10KC, RIAA, LP.
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).	BASS TONE CONTROL +16db -20db @ 20 cycles.
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.	TREBLE TONE CONTROL +13db -18db @ 20,000 cycles.
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).	VOLUME CONTROL Combined with AC power switch.
AUXILIARY AC OUTLETS (5) 1 unswitched for turntable (Red), 4 switched (Black).	RUMBLE FILTER 50 cycles cutoff, -25db @ 20 cycles.
POWER REQUIREMENTS 35 watts @ 117V 60 cycles AC.	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).
MODE SELECTOR Stereo Reverse, Stereo, Left Channel—only, Right Channel—only, Left Channel to both speakers, Right Channel to both speakers.	TAPE COMPARE SWITCH Out (normal operation) In (for monitoring off tape while recording).
BALANCE Compensates for unbalanced program source.	LOW FREQUENCY TRIM CONTROLS (back panel) +6db @ 50 cycles (500 cycle turnover), -8db @ 20 cycles (200 cycle turnover), for equalizing speaker or room characteristics.
PHASE Reverses phase (180°) in left channel.	TAPE JACKS (front panel) For playback or recording from external portable tape recorder.
HF CUTOFF FILTER Flat, 9KC cutoff, 5KC cutoff.	FINISH Gold anodized aluminum and black glass.
LOUDNESS Continuously variable, reducing loudness with bass and treble boost according to Fletcher-Munson hearing characteristics.	SIZE 15 ⁵ / ₈ " wide; 5 ¹ / ₈ " high; 12 ¹³ / ₁₆ " deep (overall behind front panel); 1 ¹ / ₄ " clearance in front of mounting panel including knobs.
	WEIGHT Preamplifier only, 18 pounds. In shipping carton, 28½ pounds.

Franchised Dealer

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