

from McIntosh...

PERFECTION in Stereo Control



The **C 20**
COMPENSATOR
FOR
STEREO

Industrial design by George H. Kress Associates. — \$225 less cabinet

Simplicity, flexibility, and beauty have been integrated by careful engineering and design in the McIntosh C-20 Stereo Compensator. The greatest listening pleasure in stereo or monophonic reproduction is assured as a result of over a year of careful and diligent research in the requirements of a new preamplifier designed for stereo. Full stereo flexibility has been provided plus built in protection for your investment in monophonic records. McIntosh has designed in the C-20 Stereo Compensator the necessary features required to give the finest monophonic reproduction the keenest listener may require.

Complete satisfaction is yours in monophonic and stereophonic with the McIntosh C-20 Stereo Compensator.

McIntosh ... *the Mark of Excellence*

FACILITIES

Mode Selector:	6 positions including Stereo, Stereo Reverse, Left channel on left speaker only, Right channel on right speaker only, Left channel on both speakers, and Right channel on both speakers.
Monophonic:	Internally parallels and decouples a stereo phono cartridge to offer best quality reproduction from monophonic records.
Tone Controls:	Treble: boost 13 db at 20,000 cycles attenuate 18 db at 20,000 cycles Bass: boost 16 db at 20 cycles attenuate 20 db at 20 cycles
Trim Controls:	Separate channel back panel controls to balance the frequency response of the system independent of front panel controls.
Equalization:	Separate bass and treble 6 position switches, including NAB tape and flat for mike or any other low level flat source.
Aural Compensator:	Fletcher-Munson compensation, continuously variable.
Rumble Filter:	Rolloff to reject low frequency disturbances such as rumble.
High Frequency Cutoff:	Two positions, 9 KC and 5 KC to suppress high frequency hiss and noise.
Phase:	180° phase reversal to compensate for out of phase speakers or source material.
Balance:	40 db each channel to balance for Attenuates alternate sides of center unequal source material.
Tape:	Front panel jacks, push button switch controlled, to permit the addition of a portable tape recorder without disrupting the equipment permanently installed.
Tape Monitor:	To permit instantaneous monitoring of tape before and after recording.

SPECIFICATIONS

Power Requirements:	117 VAC; 35 watts
Input Sensitivity and Impedance:	Auxiliary, Tape, and 2 Tuner 0.25 V at 470K 2 Phono, Low: 2.5 MV at 47K High: 12.5 MV at 47K XTal: 0.1 V, very high 2 Tape Head, Low: 1.25 MV at 47K High: 6.25 MV at 270K Tape Monitor: 0.25 V at 130K
Frequency Response:	± 0.5 db 20 to 20,000 cycles
Distortion:	Less than 0.2% at rated output, 20 to 20,000 cycles
Hum and Noise:	High level inputs: 85 db below rated output Low level inputs: less than 2 microvolts at input terminals (-115 dbm)
Outputs:	Main: 2.5 V with rated input Tape: 0.25 V with rated input
Gain:	Low level inputs: 1000-1 Main Output Low level inputs: 100-1 Tape Output High level inputs: 10-1 Main Output High level inputs: 1-1 Tape Output
A.C. Aux. Outlets:	1 unswitched for tape machine or turntable and 3 switched
Size:	Chassis: 14½ inches wide; 4¼ inches high; 12 inches deep Front panel: 14¾ inches wide; 4¾ inches high
Weight:	17 pounds

