

THE MCINTOSH ENGINEERING LABORATORY

Offers

THE AE-2A AMPLIFIER EQUALIZER

Designed for the most discriminating and the most practical alike, the McIntosh Model AE-2A Amplifier Equalizer is the ultimate in amplifier control design for those who appreciate the finest in music reproduction. All the controls necessary to reproduce the domestic or foreign recordings are available. The overall design provides flawless reproduction regardless of the control positions.

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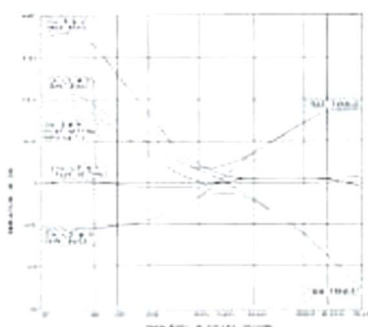
(most of which are exclusive)

1. The McIntosh unit will deliver 4 volts at less than 0.3% distortion over the audio range, 20 cycles to 20 kilocycles, for any setting of the equalizer.
2. Circuit arrangement and techniques provide complete freedom from impulse types of distortion. (Turning the unit on and off or changing the level suddenly will not cause amplifier flutter.)
3. Stable feedback amplification permits full adjustment of either the treble or bass controls without any amplifier instability whatsoever.
4. Bass boost approximately 20 db, bass cut approximately 12 db, independent of treble control. Treble boost approximately 20 db, treble cut approximately 20 db, independent of bass control.
5. Calibrated potentiometer settings to permit resetting of controls with the assurance that repeated characteristics will be obtained.
6. 300 and 600 cycle turnovers at 6 db, octave rate available by the flip of a switch.
7. Separate adjustable level controls (potentiometers) for FM-AM tuner and crystal pickups. (Rear of unit)
8. Five input channels:

	Max. Input	Min. Input
1. Crystal pickup	20 volts	.01 volts
2. FM-AM tuner	20	.01
3. Pickering pickup	0.3	.01
4. Pickup Variable	0.3	.01
5. Low level microphone	0.3	.01

(20, .3 and .01 volts across 600 ohms would be approximately +28, -8 and -38 dbm respectively.)
9. Master Volume Control.
10. Attractive hardwood enclosures.
11. Supplied with connector to obtain power from main amplifier and connect Equalizer output to power amplifier.
12. Additional receptacle for connecting the amplifier so that the switch on the control unit will turn both the amplifier and control unit on and off.
13. 11 inches wide, 10 1/2 inches deep, and 3 1/4 inches high—wood enclosure dimensions.
14. Allows up to 30 feet separation control to amplifier for 20 cycle to 20 kilocycle operation.
15. Position 4 has variable resistor calibrated for any termination 0 to 100,000 ohms.

TO THE LISTENER: This instrument of quality provides for the control necessary to give ideal listening condition for normal levels of sound and is designed to accommodate practically all recordings now available. Instructions are included which give positive information on the settings of the various controls to compensate fully for the recording characteristics and to permit the adjustment of the mellowness or the brilliance to suit the discriminating individual. This unit used with the McIntosh amplifier will give performance of unbelievable realism and provides the finest instrumentality for music and sound reproduction that electronic engineers have been able to devise up to this time.



Typical Curves for AE-2A
Amplifier Equalizer

McIntosh

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