

# MA 230

## STEREO INTEGRATED AMPLIFIER

# McIntosh

## The Compendium



**FRONT PANEL:** Glass with illuminated teal/gold nomenclature and gold anodized aluminum panel. **INPUT SELECTOR:** AUX, TAPE, TUNER, PHONO 1, PHONO 2 and TAPE HD. Dual concentric **BASS** control. Red power light. Dual concentric **TREBLE** control. **VOLUME**. ↻ **MODE SELECTOR:** L TO L+R, R TO L+R, STEREO REV, STEREO, MONO (L+R), L+R TO L and L+R TO R. Rocker switches: **COMP:** RIAA or LP, **TAPE:** NORMAL or MONITOR, **PHASE:** 0 or 180. **HEADPHONES** jack. Rocker switches: **SPEAKER:** ON or OFF. **POWER:** ON or OFF. **HEADPHONES** jack. Rocker switches: **LF:** FLAT or FILTER. **HF:** FLAT or FILTER. **LOUDNESS:** NORMAL or COMPENSATED. **BALANCE:** LEFT, 0 or RIGHT.



**BACK PANEL:** Power cord. FUSE. AC outlets: 1 UNSWITCHED, 2 SWITCHED. LEFT & RIGHT SPEAKER output barrier strips for 4, 8, and 16 OHMS. Ground binding post. L+R OUTPUT. TAPE OUTPUT. INPUTS: TAPE MON, AUX, TAPE and TUNER, PH 1, PH 2 and TAPE HD.

**TUBES:** 4-7591, 2-12AU7, 12AX7.

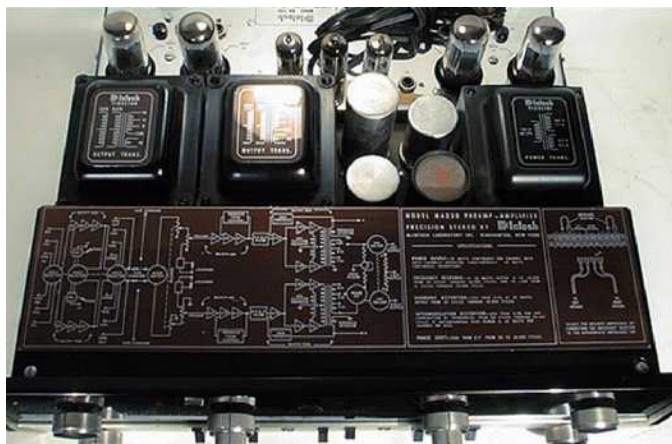
**SPECIFICATIONS:** 30w/ch stereo, 60w mono. Response 20-20kHz (+0 -0.5dB). Distortion 0.5%. Noise and hum -75dB high level, -60dB low level Output impedance 4, 8 and 16 ohms. Damping factor 10. Input sensitivity and impedance: high level 0.25V at 250k, phono 1.5mV at 47k, tape head 1.5mV at 1 meg. Tape output 0.25V into 25k. L+R output 10V into 5k. Dual concentric tone controls +18dB to -18dB. LF filter 50Hz at 12dB/oct. HF filter 5k at 12dB/oct.

**OTHER:** Hybrid-solid state preamp and tube power amplifier.

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**MA 230** - Sold from November 1963 - April 1966. S/N: 10C01~55C64 (4,562 UNITS)  
Size 5-7/16"H, 16"W and 14-1/2"D. Weight 43 lbs. **\$349.00**