

# MC 830

## MONAURAL POWER AMPLIFIER

McIntosh

The Compendium



**FRONT PANEL:** Polished stainless steel/black chassis. LED/fiber-optic illuminated green/gold nomenclature. Illuminated **POWER OUTPUT** meter. **POWER GUARD** indicator. ⚡ **STANDBY** indicator. ⚡ **Meter Control Knob:** LIGHTS OFF, WATTS or HOLD. **Power Control Knob:** OFF, REMOTE or ON.



**BACK PANEL:** Speaker binding posts: -, + for 4  $\Omega$ /8  $\Omega$ . ⚡ **BALANCED** input. **UNBALANCED** input. **INPUT MODE** switch: BALANCED or UNBALANCED. **AUTO OFF** switch: ENABLED or disabled. **POWER CONTROL** jacks: IN and OUT. **FUSE**. ⚡ **Power cord** receptacle.

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**SPECIFICATIONS:** 300 watts into 8 Ohm load; 480 watts into 4 Ohm load. **Output Load Impedance:** 4 or 8 Ohm. **Rated Power Band:** 20Hz to 20,000Hz. **Dynamic Headroom:** 2dB. **Wide Band Damping Factor:** greater than 100. **Frequency Response:** +0, -0.25dB from 20Hz to 20,000Hz). **Total Harmonic Distortion:** 0.005% maximum harmonic distortion at any power level from 250 milliwatts to rated power, 20Hz to 20,000Hz. **Intermodulation Distortion:** 0.005% maximum, if the instantaneous peak power output does not exceed twice the rated power output for any combination of frequencies from 20Hz to 20,000Hz. **Signal to Noise Ratio** (A Weighted): 100dB Balanced (below rated output); 118dB Unbalanced (below rated output). **Input Sensitivity** (for 300 watts in 8 ohms): 3.4 Volts Balanced; 1.7 Volts Unbalanced. **Voltage Gain:** 29dB. **Input Impedance:** 22,000 Ohms Balanced; 22,000 Ohms Unbalanced. **Power Guard:** Less than 2% total Harmonic Distortion with up to a 14dB overdrive signal. **Power Control Input:** 5-15VDC, less than 1mA. **Power Control Output:** 12VDC, 25mA (Delayed 0.2 seconds from power on). **Power Requirements:** 120 Volts ~ 50/60Hz at 6.0 Amps. **Power Guard. Sentry Monitor. Direct Coupled.**



**MC 830** - Sold from September 2020 - Current. S/N: ??1001~??????

**Size:** 9-1/2"H, 12-9/32"W and 16"D. **Weight:** 48 lb. **\$4,000.00**