

MC 901

DUAL MONO POWER AMPLIFIER

McIntosh
The Compendium



FRONT PANEL: Polished stainless steel/black chassis. Dual-View™ Power Output Meter (linear WATTS or DECIBELS). 12-gauge stainless steel wire cage with black powder coat finish. METER selector: LIGHTS OFF, WATTS or HOLD. POWER selector: OFF, REMOTE or ON.



TOP PANEL: SOLID STATE LOW PASS FILTER control: CROSSOVER POINT (Hz): 100, 130, 180, 250, 300, 400, 550, 800, 1K. LEVEL ADJUST (dB) control: -6, -3, 0, +1.2, +3. VACUUM TUBE HIGH PASS FILTER control: LEVEL ADJUST (dB): -6, -3, 0, +1.2, +3. CROSSOVER POINT (Hz) control: 100, 130, 180, 250, 300, 400, 550, 800, 1K.

REAR PANEL: POWER CONTROL jacks: IN, OUT. VACUUM TUBE DIRECT INPUT: BALANCED, UNBALANCED. COMPOSITE INPUT: BALANCED, UNBALANCED. SOLID STATE DIRECT INPUT: BALANCED, UNBALANCED. INPUT MODE switch: BALANCED or UNBALANCED. ⚡ VACUUM TUBE INPUT SELECT switch: DIRECT or COMPOSITE. SOLID STATE INPUT SELECT switch: DIRECT or COMPOSITE. ⚡ Speaker binding posts: COM, 2 Ω , 4 Ω , 8 Ω . Fuse holder. AUTO OFF switch: DISABLE or ENABLE. Speaker binding posts: COM, 8 Ω , 4 Ω , 2 Ω . ⚡ Power cord socket.

SOLID STATE SPECIFICATIONS: **Power Output per Channel:** 600W into 2, 4 or 8 Ohms. **Rated Power Band:** 20Hz to 20,000Hz. **Dynamic Headroom:** 2.5dB. **Wide Band Damping Factor:** Greater than 40. **Frequency Response (Direct):** +0 -0.25dB from 20Hz to 20,000Hz, +0,-3dB 10Hz to 100,000Hz. **Total Harmonic Distortion:** 0.005% maximum harmonic distortion at any power level from 250 milliwatts to rated power, 20Hz to 20kHz. **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 20kHz. **Signal to Noise Ratio (A Weighted):** 122dB below rated output. **Input Sensitivity (for rated output):** 4.8 Volts Balanced; 2.4 Volts Unbalanced. **Voltage Gain:** 29dB, 8 Ohms; 26dB, 4 Ohms; 23dB, 2 Ohms. **Input Impedance:** 22,000 Ohms Balanced; 22,000 Ohms, Unbalanced.

VACUUM TUBE SPECIFICATIONS: **Power Output per Channel:** 300W into 2, 4 or 8 Ohms. **Rated Power Band:** 20Hz to 20,000Hz. **Dynamic Headroom:** 1.2dB. **Wide Band Damping Factor:** Greater than 18. **Frequency Response (Direct):** +0 -0.5dB from 20Hz to 20,000Hz, +0,-3dB 10Hz to 70,000Hz. **Total Harmonic Distortion:** 0.5% maximum harmonic distortion at any power level from 250 milliwatts to rated power, 20Hz to 20kHz. **Intermodulation Distortion:** 0.5% maximum, if the instantaneous peak power output does not exceed twice the rated power output for any combination of frequencies from 20Hz to 20kHz. **Signal to Noise Ratio (A Weighted):** 112dB below rated output. **Input Sensitivity (for rated output):** 3.4 Volts Balanced; 1.7 Volts Unbalanced. **Voltage Gain:** 29dB, 8 Ohms; 26dB, 4 Ohms; 23dB, 2 Ohms. **Input Impedance:** 22,000 Ohms Balanced; 22,000 Ohms, Unbalanced.

GENERAL SPECIFICATIONS: **Power Control Input:** 5-15VDC, less than 1mA. **Power Control Output:** 12VDC, 25mA (Delayed 0.2 seconds from power on). **Autoformer (solid state).** Sentry Monitor. Power Guard (solid state). Power Guard Screen Grid Sensor™ (tube). Quad Balanced™. **Power Requirements:** 120 Volts ~ 50/60Hz at 12 Amps.

TUBES: 8-KT88 output, 4-12AT7, 2-12AX7A. Solid state rectifier bridge.

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MC 901 - Sold from December 2019 - Current. S/N: AHT1001~AHT????

Size: 13-1/4"H, 17-1/2"W and 29-1/2"D. **Weight:** 170 lb. **\$17,500.00**