

MC 312

STEREO POWER AMPLIFIER

McIntosh
The Compendium



FRONT PANEL: Glass with LED/fiber-optic illuminated green nomenclature. Left illuminated **POWER OUTPUT** meter (linear **WATTS** or **DECIBELS**). **LEFT** and **RIGHT POWER GUARD** LEDs. Right illuminated **POWER OUTPUT** meter (linear **WATTS** or **DECIBELS**). ⚡ Standby power on indicator. ⚡ **METER** mode switch: **LIGHTS OFF**, **WATTS** or **HOLD**. **POWER** switch: **OFF**, **REMOTE** or **ON**.



BACK PANEL: Polished stainless steel chassis. **Inputs:** balanced **RIGHT**, balanced **LEFT**. ⚡ unbalanced: **RIGHT INPUT**, **RIGHT OUTPUT**, **LEFT INPUT**, **LEFT OUTPUT**. ⚡ **Outputs:** balanced **RIGHT**, balanced **LEFT**. ⚡ **POWER CONTROL** jacks: **IN** and **OUT 1 & 2**. ⚡ **INPUT MODE** switch: **BALANCED** or **UNBALANCED**. **AUTO OFF** switch: **ENABLED** or **DISABLED**. ⚡ **RIGHT OUTPUT** binding posts for **8 Ω**, **4 Ω** or **2 Ω** speakers. **FUSE**. **LEFT OUTPUT** binding posts for **2 Ω**, **4 Ω** or **8 Ω** speakers. ⚡ Power cord receptacle.

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SPECIFICATIONS: **Power Output:** 300w/channel into 2, 4 or 8 ohms with both channels operating. **Output Load Impedance:** 2, 4, or 8 ohms. **Rated Power Band:** 20Hz to 20kHz. **Total Harmonic Distortion:** 0.005% maximum harmonic distortion at any power level from 250 milliwatts to rated power, 20Hz to 20kHz. **Dynamic Headroom:** 2.3dB. **Frequency Response:** +0, -0.25dB from 20-20kHz; +0, -3.0dB from 10-100KHz. **Input sensitivity:** 3.4v Balanced and 1.7v Unbalanced. **Signal to Noise Ratio:** -95dBA Balanced (120dB below rated output), -93dBA Unbalanced (118dB below rated output). **Intermodulation Distortion:** 0.005% maximum if the instantaneous peak power output does not exceed twice the rated power output for any combination of frequencies 20Hz to 20kHz. **Wide Band Damping Factor:** greater than 40. **Input Impedance:** 22K Balanced or Unbalanced. **Voltage Gain:** 29dB, 8 Ohms; 26dB, 4 Ohms; 23dB, 2 Ohms. **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 1 and 2:** 12VDC, 50mA maximum total. Output is delayed 0.2 seconds from turn On. *Sentry Monitor. Power Guard. Autoformers.* **Power requirements:** 120V at 6.6 Amps.



MC 312 - Sold from October 2018 - Current. S/N: AGW1001~AGW????

Size: 9-7/16"H, 17-1/2"W and 22"D. **Weight:** 105 lbs.

\$7,000.00