

# MC 257

## SEVEN CHANNEL POWER AMPLIFIER

# McIntosh

## The Compendium



**FRONT PANEL:** LED/fiber-optic illuminated green nomenclature. **POWER GUARD** lamps: L (LF1), 2 (LB2), 3 (RB3); C (C4); 5 (RF7), 6 (LS5), R (RS6). ⚡ **POWER OUTPUT** meters (WATTS): front LEFT, CENTER, and front RIGHT. ⚡ **METER LIGHTS** switch: ON / OFF. Standby power on indicator. **POWER** switch: OFF / REMOTE / ON.



**BACK PANEL:** Speaker **OUTPUTS** connectors: 7 Right front channel, 6 Right surround channel, 5 Left surround channel. ↗ 1 Left front channel, 4 center front channel. ⚡ Power cord receptacle. **CIRCUIT BREAKER**. **POWER CONTROL** connectors: **IN:** ZA (power control in for all 7 channels) and ZB (power control in for the LB and RB channels); **OUT:** ZA and ZB (sends power On / Off to the next McIntosh component). **LOAD** switch: 4 Ω or 8 Ω. **Power AUTO OFF** switch: Disable or Enable.

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**BACK PANEL (continued):** INPUTS: (balanced) Right Front channel, 6 (unbalanced) Right Surround channel and 7 Right Front channels; 6 (balanced) Right Surround channel and 5 Left Surround channels; 4 (unbalanced) Center and 5 Left Surround channels; 4 (balanced) Center channel and 3 Right (back) Surround channels; 2 (unbalanced) Left Surround and 3 Right (back) Surround channels; 2 (balanced) Left (back) Surround channel and 1 Left Front channels; 1 (unbalanced) Left Front channel.

**SPECIFICATIONS: Power Output (All Seven Channels):** Minimum sine wave continuous average power output per channel, all channels operating is: 200 watts into a 4 or 8 ohm load. **Power Output (Three Front Channels):** Minimum sine wave continuous average power output per channel, all channels operating is: 250 watts into a 4 or 8 ohm load. **Output Load Impedance:** 8 and 4 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 20,000Hz. **Dynamic Headroom:** 3.3dB. **Frequency Response:** +0,-0.25dB from 20Hz to 20,000Hz; +0, -3dB from 10Hz to 100,000Hz. **Input Sensitivity:** 2.2Volt Balanced with a 4 ohm Loudspeaker; 1.1 Volt Unbalanced with a 4 ohm Loudspeaker; 3.0 Volt Balanced with an 8 ohm Loudspeaker; 1.6 Volt Unbalanced with an 8 ohm Loudspeaker. **Signal To Noise Ratio (A-Weighted):** 108dB below rated output. **Intermodulation Distortion:** 0.005% maximum, if the instantaneous peak power output does not exceed twice the rated power output or less per channel with all channels operating for any combination of frequencies from 20Hz to 20,000Hz. **Wide Band Damping Factor:** Greater than 70 at 4 ohms; Greater than 140 at 8 ohms. **Input Impedance:** 20,000 ohms Balanced; 10,000 ohms Unbalanced. **Voltage Gain:** 29dB. **Power Guard:** Less than 2% THD with up to 14dB overdrive at 1,000Hz. **Power Control Inputs ZA and ZB:** 5-15VDC, less than 1mA. **Power Control Output ZA and ZB:** 12VDC, 50mA maximum total; Output is delayed 0.2 seconds from turn On. **Autoformers. Sentry Monitor. Power Guard.** Power requirements 120V at 12 Amps.



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**MC 257** - Sold from September 2019 - Current. S/N: ???1001~???????

**Size:** 9-7/16"H, 17-1/2"W and 21"D. **Weight:** 95 lb. **\$10,000.00**