

MHA150

HEADPHONE AMPLIFIER

McIntosh
The Compendium



FRONT PANEL: LED/fiber-optic illuminated green nomenclature. Left **POWER OUTPUT** meter (LINEAR WATTS or DECIBELS). Left **POWER GUARD** light. IR sensor. Right **POWER GUARD** light. Right **POWER OUTPUT** meter (LINEAR WATTS or DECIBELS). ⚡ Concentric **INPUT / SETUP / TRIM** control. **HEADPHONES** jack. Digital information display. Pushbutton switch: **STANDBY/ON / RESET** (with indicator). Concentric **VOLUME / PROFILE** control.



BACK PANEL: Gold plated Right channel **OUTPUT** terminals for $8\ \Omega$ speakers. Gold plated Left channel **OUTPUT** terminals for $8\ \Omega$ speakers. ⚡ Fuse/Power cord receptacle. **POWER CONTROL:** IN and OUT. **DIGITAL AUDIO INPUTS:** USB-D/A, OPTICAL / COAXIAL, AES/EBU. **ANALOG AUDIO INPUTS:** BALANCED RIGHT and LEFT, UNBALANCED RIGHT and LEFT. **PREAMP OUTPUT:** RIGHT and LEFT.

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AMPLIFIER SPECIFICATIONS: **Loudspeaker Power Output:** 50 watts is the minimum sine wave continuous average power output per channel, both channels operating. **Headphone Power Output:** 1watt High Selection; 250mW Normal Selection. **Loudspeaker Output Load Impedance:** 8 ohms. **Headphone Output Load Impedance:** 8-40 ohms; 40-150 ohms; 150-600 ohms. **Rated Power Band:** 20Hz to 20,000Hz. **Total Harmonic Distortion:** 0.005% maximum with both channels operating from 250 milliwatts to rated power, 20Hz to 20,000Hz. **Dynamic Headroom:** (Loudspeaker) 1.5dB. **Frequency Response:** +0,-0.5dB, 20Hz to 20,000Hz; +0,-3dB, 10Hz to 100,000Hz. **Tone Control:** Bass Boose - 0 to +12.5dB (2.5dB steps) @ 40Hz. **Preamplifier Output (for rated output):** 3V (8V maximum). **Signal to Noise Ratio:** 105dBA High Level below rated output. **Sensitivity:** 300mV Unbalanced; 600mV Balanced. **Wide Band Damping Factor:** >150. **Input Impedance:** 25K ohms unbalanced or balanced. **Maximum Input Signal:** 8V unbalanced; 16V balanced. **Preamplifier Output Impedance:** 500 ohms. **Power Guard:** Less than 2% THD with up to 16dB overdrive at 1,000Hz. **Voltage Gain:** 36.5dB. **Digital Input Sample Rate:** Optical: PCM - 16Bit, 24Bit-32kHz to 192kHz; Coaxial: PCM - 16Bit, 24Bit-32kHz to 192kHz. MCT: PCM, SACD - 16Bit, 24Bit - 32kHz to 192kHz. USB: PCM - 16Bit, 24Bit, 32Bit - 32kHz to 384kHz; DXD - DXD352, 8kHz, DXD384kHz; DSD - DSD64, dsd128, DSD256. **Power Control Input:** 5-15VDC, <1mA. **Power Control Output:** 12VDC, 25mA maximum. **Power Requirements:** 120V at 1.5 Amps. Has **HR079** Remote control.



MHA150 - Sold from 2016 - 2024. S/N: ADQ1011~ADQ????

Size: 5-7/8"H, 11-1/2"W and 18"D. **Weight:** 26.5 lb. **\$4,500.00**