

C 55

STEREO PRE-AMPLIFIER

McIntosh
The Compendium



FRONT PANEL: Glass with LED/fiber-optic illuminated green nomenclature. Illuminated left OUTPUT LEVEL meter (dB). IR sensor. Illuminated right OUTPUT LEVEL meter (dB). ⚡ INPUT control. Equalizer frequency controls: 25, 50, 100, 200, 400, 1K, 2.5K and 10K. VOLUME / TRIM/SETUP/ADJUST. ⚡ HEADPHONES jack. Touch buttons: OUTPUT 1 (with indicator), OUTPUT 2 (with indicator). Digital information display. Touch buttons: EQUALIZER (with indicator), MUTE and STANDBY/ON (with indicator).



BACK PANEL: MAIN/HIGH PASS OUTPUTS: BALANCED Right, BALANCED Left, UNBALANCED Left and Right. OUTPUT 1/LOW PASS: BALANCED Right, BALANCED Left, UNBALANCED Left and Right. OUTPUT 2 (SUBWOOFER): BALANCED Right, BALANCED Left, UNBALANCED Left and Right. ⚡ BALANCED INPUTS: 1 Right, 1 Left, 2 Right, 2 Left, 3 Right, 3 Left. PROCESSOR LOOP: Left and Right RETURN and SEND. 1 UNBALANCED INPUTS: 1 Left and Right, 2 Left and right, 3 Left and right, 4 Left and Right. PHONO INPUTS: 1 Left and Right. GROUND binding posts. 2 Left and right. ⚡ Power cord receptacle. USB SERVICE PORT. POWER CONTROL jacks: TRIGGER 3/ TRIGGER 4, TRIGGER 1/ TRIGGER 2, MAIN/ PASS-THRU. EXTERNAL CONTROL: IR IN/ RS232. DATA PORTS: 1/2, 3/4, 5/6. NETWORK RJ45. DIGITAL AUDIO INPUTS: USB AUDIO/HDMI (ARC), MCT, OPTICAL 2/COAX 2, OPTICAL 1/COAX 1.

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SPECIFICATIONS: **Frequency Response:** +0, -0.5dB from 20-20,000Hz, +0, -3dB from 15Hz-100,000kHz. **Total Harmonic Distortion:** 0.005% from 20-20kHz. **Rated Output:** 2.5V Unbalanced, 5.0V Balanced (Main); 450mV (Fixed Output). **Maximum Voltage Output:** 8V RMS Unbalanced, 16V RMS Balanced. **Sensitivity (for rated output):** High level, 450mV Unbalanced, 900mV Balanced; Phono MM, 4.5mV; Phono MC, 0.45mV. **Signal to Noise Ratio (A Weighted):** High Level - 100dB below rated output, Phono MM: 82dB (Below 5mV input); Phono MC: 80dB (Below 0.5mV input). **Input Impedance:** High Level - 22K ohms Unbalanced, 44K ohms Balanced; Phono 1, 2 (MM and MC) - 25, 50, 200, 400, 1k or 47K ohms; 50 to 400pF in 50pF steps. **Maximum Input Signal:** High Level - 5V Unbalanced, 10V Balanced; Phono MM - 80mV; Phono MC - 8mV. **Equalizer Controls:** 25Hz, 50Hz, 100Hz, 200Hz, 400Hz, 1,000Hz, 2,500Hz and 10,000Hz. **Voltage Gain:** High Level to Fixed Output - 0dB, High Level to Main Output - 15dB, Phono 1, 2 (MM and MC) selectable 40dB, 46dB, 52dB, 58dB or 64dB. **Output Impedance:** 100 ohms Unbalanced, 200 ohms Balanced. **Headphone Load Impedance:** 100 ohms to 600 ohms. **Digital Input Sample Rates:** Optical: PCM - 16Bit, 24Bit - 44.1kHz to 192kHz; Coaxial: PCM - 16Bit, 24Bit - 44.1kHz to 192kHz; MCT: PCM, SACD, -16Bit, 24Bit - 44.1kHz to 192kHz. USB: PCM - 16Bit, 24Bit, 32Bit - 44.1kHz to 348kHz; DXD - DXD352.8kHz, DXD384kHz; DSD - DSD64, DSD128, DSD256, DSD512. HDMI: PCM 24bit, 44.1kHz - 192kHz; DTS; Dolby Digital. **Power Control and Trigger Output:** 12VDC, 25ma. **Power Requirements:** 120V at 75 Watts. Has hand remote **HR085**.



Compatible with McIntosh Connect app for control of some pre-amp functions and some functions of connected tuners and CD players. Also used to download firmware updates.

C 55 - Sold from March 2024 - Current. S/N: ???1001~???????

Size: 7-5/8"H, 17-1/2"W and 18"D behind panel. **Weight:** 28 lb.

\$9,000.00