

# C 12000

TUBE AND SOLID STATE STEREO PRE-AMPLIFIER

McIntosh

The Compendium



**PREAMPLIFIER FRONT PANEL:** Glass with LED/fiber-optic illuminated green nomenclature. Illuminated left relative OUTPUT LEVEL meter (DECIBELS). Tube window. Illuminated right relative OUTPUT LEVEL meter (DECIBELS). ⚡ 1/4" low impedance HEADPHONES jack.

**CONTROLLER FRONT PANEL:** Glass with LED/fiber-optic illuminated green nomenclature. INPUT control. Digital display. VOLUME control. ⚡ TRIM control. IR sensor. Touch buttons (with indicator lights): SETUP, HXD, MUTE, STANDBY/ON. ADJUST control.



**PREAMPLIFIER BACK PANEL:** RIGHT OUTPUTS: unbalanced MAIN and REC/FIXED; balanced 1 (Solid State amplification), balanced 2 (Tube amplification). RIGHT BALANCED INPUTS: 1 through 6 for high-level program sources. RIGHT UNBALANCED INPUTS: 1 through 4 for high-level program sources; PH1 and PH2 for phono cartridge. LEFT BALANCED INPUTS: PH1 and PH2 for phono cartridge; 1 through 4 for high-level program sources. LEFT BALANCED INPUTS: 1 through 6 for high-level program sources. LEFT OUTPUTS: balanced 1 (Solid State amplification), balanced 2 (Tube amplification); unbalanced MAIN and REC/FIXED. ⚡ RIGHT INPUT from controller. Two GROUND binding posts. LEFT INPUT from controller.

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**CONTROLLER BACK PANEL:** POWER CONTROL: OUTPUTS TRIG 1/TRIG 2, TRIG 3/TRIG 4, MAIN/PASSTHRU. EXTERNAL CONTROL: IR IN/RS232. DATA PORTS: 1/2, 3/4, 5/6, 7/8. UPDATE USB PORT. ⚡ Power cord receptacle. RIGHT OUTPUT to preamplifier. LEFT OUTPUT to preamplifier.

**SPECIFICATIONS:** **Frequency Response:** +0, -0.5dB from 20Hz to 20,000Hz; +0, -3dB from 10Hz to 100,000Hz. **Total Harmonic Distortion:** 0.005% maximum from 20Hz to 20,000Hz (High Level Inputs); 0.05% maximum from 20Hz to 20,000Hz (Phono Inputs). **Rated Output:** 5V Balanced, 2.5V unbalanced (Main Outputs). **Maximum Voltage Output:** 20V RMS Balanced, 10V RMS unbalanced. **Sensitivity (for rated output):** High Level, 450mV Unbalanced, 900mV Balanced; Phono 1 & 2, .25mV – 4.5mV with selectable 40-64dB gain. **Signal To Noise Ratio (A-Weighted):** High Level, 107dB (Below rated output); MM Phono, 83dB (Below 5mV input); MC Phono, 79dB (Below 0.5mV input). **Input Impedance:** High Level, 50K ohms Balanced, 25K ohms unbalanced. **Maximum Input Signal:** High Level, 20V Balanced, 10V Unbalanced; Phono MM, 100mV; Phono MC, 10mV. **Voltage Gain:** High Level to Main Output, 15dB; High Level to Rec/Fixed Output; 0dB; Phono MM and Phono MC - Selectable 40dB, 46dB, 52dB or 64dB. **Output Impedance:** 200 ohms Balanced, 100 ohms Unbalanced. **Headphone Load Impedance (Selectable):** 16 to 40 ohms, 40 to 150 ohms, 150 to 600 ohms. **Headphone Voltage Gain (From Main Output):** 16 to 40 ohms – 0dB, 40 to 150 ohms - 6dB, 150 to 600 ohms -12dB. **Headphone Output:** 50mW minimum from 16 ohms to 600 ohms. **Power Control and Trigger Output:** 12VDC, 25mA. **Power Requirements:** 120 Volts, 50/60Hz at 75 watts. Has hand remote **HR085**.

**TUBES:** 10 Tubes, Six – 12AX7A and Four – 12AT7 (per channel, viewed from top window). High level – one 12AX7A and two 12AT7 (per channel, viewed from Front Panel Window). Four 12AX7A, two per channel.

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**C 12000** -Sold from December 2021 - Current.

Controller S/N: AKD1001~AKD????

Pre-Amp S/N: AKE1001~AKE????

**Size (each):** 6"H, 17-1/2"W and 19"D including front panel, knobs and cables.

**Preamplifier Weight:** 25.lb. **Controller Weight:** 27.lb.

**\$16,000.00**