

# MSA 5500

## STEREO STREAMING INTEGRATED AMPLIFIER

# McIntosh

## The Compendium



**FRONT PANEL:** Glass with LED/fiber-optic illuminated green nomenclature. Left POWER OUTPUT meter (LINEAR WATTS or DECIBELS). NET indicator. Left and right POWER GUARD lights. IR sensor. Right POWER OUTPUT meter (LINEAR WATTS or DECIBELS). ⚡ INPUT/TRIM control. HEADPHONE jack. Digital display. STANDBY/ON / RESET switch (with indicator). VOLUME/ADJUST / menu navigation control.



**BACK PANEL:** Right speaker OUTPUT connectors for 4 and 8  $\Omega$ . WI-FI ANTENNA. DIGITAL AUDIO INPUTS: COAX 1, COAX 2, / OPTICAL 1, OPTICAL 2, MCT, HDMI (ARC), / USB AUDIO. NET receptacle. SERVICE PORT. DATA PORTS: 1, 2, EXTERNAL CONTROL: IR IN / RS232, POWER CONTROL: MAIN OUT / PASSTHRU input. WI-FI ANTENNA. Left speaker OUTPUT connectors for 4 and 8  $\Omega$ . ⚡ Power cord receptacle. FUSE. SUBWOOFER OUTPUT. PREAMP OUTPUT. (jumper) POWER AMPLIFIER INPUT. Unbalanced INPUTS: R & L: 1, 2, 3, 4. ground binding post. Unbalanced MM PHONO INPUT: R & L. Balanced INPUTS: R & L.

### GENERAL SPECIFICATIONS:

**Power Requirements:** 120 Volts, 50/60Hz at 3.2 amps. *Power Guard. Sentry Monitor. Direct coupled.* Has **HR085** hand remote.

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**AMPLIFIER SPECIFICATIONS: FTC Power Output Rating:** 100watts. **Power Output:** Minimum sine wave continuous average power output per channel, with both channels operating is: 100watts into 8 ohm load; 160 watts into 4 ohm load. **Output Load Impedance:** 8 or 4 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. **Intermodulation Distortion:** 0.005% maximum, if the instantaneous peak power is 400 watts or less per channel with both channels operating for any combination of frequencies from 20Hz to 20,000Hz. **Dynamic headroom:** 1.8dB. **Wide Band Damping Factor:** Greater than 200 – 8 ohms; Greater than 100 – 4 ohms. **Power Guard:** Less than 2% THD with up to 16dB overdrive at 1,000Hz. **Frequency Response:** +0,-0.5dB from 20-20,000Hz; +0,-3dB from 10-100,000Hz. **Preamplifier Output (at rated input):** 1.4V unbalanced (8V Maximum). **Sensitivity (for rated output):** High Level - 250mV unbalanced, 500mV balanced; Phono MM - 2.5mV; Power Amp In - 1V (8 ohm load). **Input Impedance:** High Level - 20K ohms; Phono MM - 47K ohms; 50 pF. **Preamplifier Output Impedance:** 220 ohms. **Maximum Input Signal:** High Level - 8V unbalanced, 16V balanced; Phono MM - 80mV; Power Amplifier In - 8V. **Headphone Impedance:** 100 to 600 ohms. **Voltage Gain:** High Level to Preamp Output: 15db; Phono MM to Preamp Output: 55dB; Power Amplifier: 29dB. **Power Control Output:** 12VDC, 25mA.

**DIGITAL AUDIO SPECIFICATIONS: Digital Input Signal Format:** Coaxial/optical inputs – SDIF (PCM), and bitstream; MCT – SACD, PCM; USB Audio – DSD, DXD, PCM; HDMI – PCM, Dolby Digital, DTS. **Digital Input Sample Rates:** Optical: PCM 16-bit, 24-bit 44.1-192kHz; Coaxial: PCM 16-bit, 24-bit 44.1-192kHz; MCT: PCM, SACD 16-bit, 24-bit 44.1-192kHz; USB: PCM 16-bit, 24-bit, 32-bit 44.1-192kHz, DXD DXD352.8kHz, DXD384kHz, DSD DSD64, DSD128, DSD256, DSD512; HDMI: PCM 24-bit, 44.1-192kHz, bistream. **Digital Inputs:** Coaxial: 0.5V p-p/75ohms; Optical: -15dbm to -212dbm (TOS Link); MCT: 0.5V p-p/75 ohms; USB Audio 2.0: USB Type B Connector; HDMI: 2.0 ARC. **Streaming Support:** Apple AirPlay, Google Cast, Spotify Connect, Tidal Connect, Roon. **Supported Audio Formats:** (Must also be supported by chosen source app and device): MP3, AAC, FLAC, ALAC, WMA, Ogg Vorbis, WAV, M4A, OGG, AIFF. **Connectivity:** WiFi CERTIFIED™ a, b, g, n, ac; WPA™, WPA2™, WMM®; 2.4/5 GHz, Ethernet. **Bluetooth 5.0:** AVRCP, A2DP, aptX, aptX HD, aptX Adaptive.



**MSA 5500** - Sold from December 2024 - Current. S/N: ???1001~???????

**Size:** 6"H, 17-1/2"W and 18-3/4" – 22-1/4"D. **Weight:** 38 lbs. **\$8,000.00**