

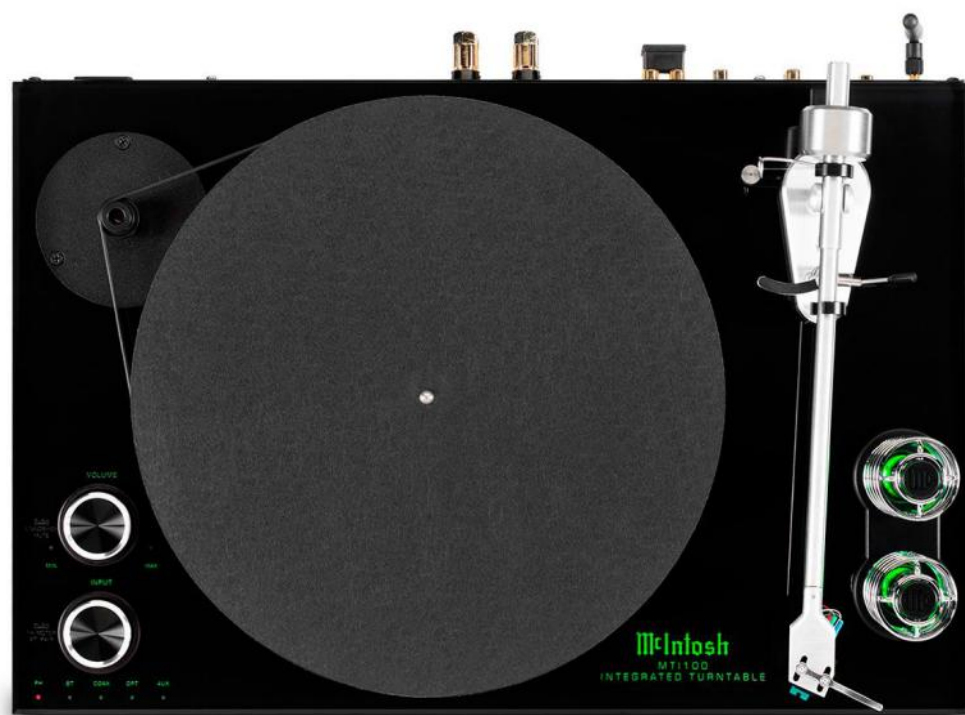
# MTI 100

## INTEGRATED TURNTABLE

McIntosh  
The Compendium



**FRONT PANEL:** IR remote sensor. ⚡ HEADPHONE jack.



**TOP PANEL:** VOLUME / STANDBY/ON / MUTE control (with indicators). ⚡ INPUT control (with indicators): PHono, Bluetooth, digital COAX, digital OPTICAL, AUXilliary. ⚡ LED/fiber-optic illuminated green/gold nomenclature. Tone arm lift. Tubes.



**BACK PANEL:** BLUETOOTH ANTENNA. INPUTS: OPTICAL / COAXIAL, AUXiliary Right and Left. OUTPUTS: SUBwoofer (MONO), Right and Left MAIN OUT / PRE-amplifier IN (jumpered) TRIGGER OUT / DATA IN. Right and Left speaker OUTPUTS. SERVICE PORT. Power cord receptacle.

**TURNTABLE SPECIFICATIONS:** **Platter:** 3/8" thick glass anchored to custom 1/4" thick aluminum plate metal. **Motor:** 600 rpm direct-drive permanent magnet AC synchronous motor – 2 speed pulley. **Playback Speeds:** 33.3 RPM and 45 RPM.

**TONE ARM SPECIFICATIONS:** **Tone Arm:** 9" vertical yoke type tonearm with lateral type bearing. Damped machined aluminum tube arm. **Pivot to spindle:** 233mm. **Effective length:** 240.7mm. **Overhang:** 17.7mm. **Offset Angle:** 22.85 degrees. **Average RMS Distortion:** .36%

**CARTRIDGE SPECIFICATIONS:** **Cartridge Type:** Moving Magnet (MM). **Frequency Response:** 12Hz-30kHz. **Output Voltage/Channel:** 4mV @ 1kHz. **Channel Separation:** 30dB @ 1kHz. **Channel Balance:** 1.5dB/1kHz. **Compliance:** 12x10<sup>-6</sup> cm/dyn @ 100Hz. **Stylus Size/Shape:** .3x.7/Elliptical. **Load Impedance:** 47k Ohms. **Tracking Force Range:** 1.8-2.2 grams. **Recommended Force:** 2.0 grams. **Cartridge Weight:** 6.5 grams.

**PRE-AMPLIFIER SPECIFICATIONS:** **Frequency Response:** +0 -0.7dB from 20Hz to 20,000Hz. **Total Harmonic Distortion:** 0.2% from 20Hz to 20,000Hz. **Rated Output (Main):** 1.5V. **Maximum Voltage Output:** 9V RMS. **Sensitivity (for rated output):** High Level, 300mV AUX Input. **Signal to Noise Ratio (A-Weighted):** High Level, 90dB; Phono MM, 75dB. **Input Impedance:** 68K ohms AUX Input. **Maximum Input Signal:** 4V AUX Input; 45mV Phono MM. **Voltage Gain:** AUX Input to Main Output: 14dB; Phono MM Section: 40dB. **Output Impedance:** 100 ohms. **Headphone Load Impedance:** 100 ohms to 600 ohms. **Digital Input Sample Rates:** Optical: 16Bit, 24Bit – 32kHz to 192kHz; Coaxial: 16Bit, 24Bit – 32kHz to 192kHz. **Bluetooth Profiles:** A2DP, AVRCP, SBC, HD. **Trigger Output:** 12VDC, 50mA maximum.

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**AMPLIFIER SPECIFICATIONS:** **Power Output:** 50 watts into 8 ohm loads; 80 watts into 4 ohm loads. **Output Load Impedance:** 8 ohms or 4 ohms. **Rated Power Band:** 20Hz to 20kHz. **Total Harmonic Distortion:** 0.2% maximum harmonic distortion at any level from 250 milliwatts to one half of rated power output, 20Hz to 20kHz. **Dynamic Headroom:** 1dB 8 ohm load; 1.3dB 4 ohm load. **Frequency Response:** +0, -0.7dB from 20Hz to 20kHz. **Input Sensitivity (for rated output):** 1.5V PWR Amplifier IN. **A-Weighted Signal to Noise Ratio:** 93 dB (110dB below rated output) PWR Amplifier IN. **Intermodulation Distortion:** 0.1% maximum if instantaneous peak power output does not exceed the rated output for any combination of frequencies from 20Hz to 20kHz. **Wide Band Damping Factor:** Greater than 200, 8 ohm load. **Power Requirements:** 120V at 50 Watts. Has hand remote **HR091**.

**TUBE COMPLIMENT:** 2 Tubes – 12AX7.



**MTI 100** - Sold from January 2019 - Current. S/N: AGX1001~AGX???? (????? UNITS)

**Size:** 6-3/4"H, 19-1/4"W and 14"D. **Weight:** 33.5 lb. **\$6,500.00**