

## Marantz Launches Integrated Amp With Wireless Streaming

Written by Frederick Douglas  
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Marantz announces the PM7000N integrated amplifier-- the first fully discrete hifi amp with high resolution audio streaming capability thanks to the inclusion of HEOS Built-in, as well as support for regular high-res audio.



HEOS Built-in allows customers to stream high resolution music from Amazon HD, Spotify, Pandora, Tidal and more, as well as playback from local music file libraries. Also included are Bluetooth and Apple AirPlay 2 capability. HEOS Built-in allows the PM7000N delivers music throughout the home to compatible speakers and components, creating a wireless, whole-home audio experience.

Inside the PM7000N are a toroidal transformer and high-speed instantaneous-current power supply providing x2 60W into 8 ohms or x2 80W into 4 ohms. To best isolate the analog circuit from digital interferences or noise radiation, the digital circuit is installed into a shielded case, minimising potential interference. Meanwhile Pure Modes allow listeners to disable the USB-A, wifi and/or Bluetooth, either individually or simultaneously, to turn the PM7000N into a pure analog amplifier.

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An integrated phono input design integrates a FET (field-effect transistor) in the input stage. According to Marantz the result provides a high input impedance, eliminating the need for AC coupling capacitors and simplifying the signal path, lowering distortion and improving overall signal purity. Connectivity comes through x4 analog inputs and x1 analog output, as well as x1 coax and x2 optical digital inputs. A USB-A port allows connection of higher resolution audio files.

Customers can connect a digital TV or cable/satellite STB, and a Blu-ray or DVD player to either of the three digital audio inputs (Optical 1 and 2, Coax 1). All digital inputs can automatically wake up the PM7000N when sensing an audio signal from the TV, and the remote can be programmed to directly control master volume, mute, power on/off and source selection. The subwoofer output has an adjustable low-pass crossover to tailor bass response to each unique listening environment.

The PM7000N ships from November 2019.

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