

M O O N  
by SIMAUDIO



— **791** Network Player / Preamp —

# 791

## Network Player / Preamplifier

— NORTH —  
COLLECTION

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The MOON 791 is much more than a preamp. It combines a high-end phono stage and streaming DAC in a state-of-the-art analog preamplifier. Its abundance of features is surpassed only by its exceptional build quality and sonic performance.

In addition to its arsenal of seven digital inputs (including HDMI ARC), three analog inputs, and two outputs (independently configured for variable or fixed volume), and its MDE2—a re-clocking FPGA and flagship DAC supporting resolutions up to 32/384 and DSD256—the 791 can host a USB drive, and features the Roon Ready MiND2 network player, supporting Bluetooth and AirPlay 2. Even the phono preamp supports moving-magnet and moving-coil cartridges, with real-time configuration via the menu system.

The latest update to the widely lauded M-VOL3 (3<sup>rd</sup> generation of the acclaimed MOON volume control) dials in improved electronic gain control with sublime precision, while the 4.3" colour display and BRM-1 remote control raise the 791 to a new level of refinement and enjoyment. Together with its natural partner, the 761 power amplifier, the 791 provides a versatile user experience with the audio performance to rival the best systems in the world.



## Specifications

Analog Input Impedance	22 kΩ	Signal-to-Noise Ratio (Analog Preamplifier)	120 dB
Maximum Gain (Line Level)	10 dB	Dynamic Range (Digital Input, Fixed Output)	125 dB
Phono Input Gain	40 dB / 54 dB / 60 dB / 66 dB	Total Harmonic Distortion + Noise	0.0004%
Phono Input Capacitance	0 / 100 pF / 470 pF	Intermodulation Distortion	0.0003%
Phono Input Resistance	10 Ω / 100 Ω / 1 kΩ / 47 kΩ	Power Consumption (Idle)	25 W
Output Impedance	50 Ω	Power Consumption (Full Power Standby)	22 W
Crosstalk	-125 dB	Power Consumption (Low Power Standby)	5 W
Frequency Response	2 Hz – 200 kHz (+0 dB / -3 dB)	Shipping Weight	41 lbs / 19 kg
		Dimensions (width x height x depth)	18.95 x 4.03 x 17.66 in 48.1 x 10.2 x 44.9 cm

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