

2019  
NEW  
PRODUCT



# aurender A100

## Caching Network Music Server/Player with Analog Output

Music Player with high performance digital-to-analog converter. With 2TB of internal hard disk drive and one 120GB solid-state drive cache for playback, the A100 is the perfect solution for those replacing CD Players. All Aurender models include the dedicated **Aurender Conductor App**, hailed by reviewers worldwide for its performance and intuitive operation. iPad App was developed in house with managing large music databases in mind, providing exceptionally fast browsing and searching of your favorite music.

All Aurender Servers and Players fully support the **♥TIDAL** service. Enjoy 35 million lossless CD quality music tracks with the world's best sounding Music Server. You can also easily play music from your NAS, on Aurender's HDD or music from the TIDAL service using the same app.

**aurender**  
THE FUTURE OF SOUND



# A100

## Caching Network Music Server/Player with Analog Output

- 120GB SSD storage for caching playback
- 2TB of internal HDD storage
- Full-Linear power supply
- Unbalanced (RCA) Audio Outputs
- 768KHz/32bit Next Generation Flagship AK4490 DAC Chip
- DACs with Discrete Linear Power Regulator
- Volume adjustment from app, IR remote or front panel rotary control
- TIDAL Lossless Streaming supported within Aurender Conductor
- Dedicated USB Audio Output with Ultra Low-Noise Power Circuitry
- Award-winning Aurender Conductor App for ease and convenience
- FPGA-based Precision Data Reclocking System with sub 100fs world-class jitter-reducing clock generator
- Three Individual Toroidal Power Transformers for Server / Digital / DACs
- Support for Network Attached (NAS) and USB Storage
- Remote Technical Support via Aurender Conductor App
- Smart Copy feature allows for easy transfer of music libraries

SPECIFICATION	A10	A100
Dimensions & Weight	430x55x353(mm) 16.93x2.2x13.9(inches) 10.2Kg 22.5lbs	330x55x353(mm) 12.99x2.2x13.9(inches) 7.8Kg 17.2lbs
SSD for System and Cache	120G	120G
CPU	AMD 9W	AMD 9W
Music Storage	4TB (2.5" HDD)	2TB (2.5" HDD)
Power	Full-Linear	Full-Linear
Display	3.0" AMOLED	3.0" AMOLED
Clock Structure	Full Differential System	Full Differential System
Main Clock Accuracy	TCXO Based	TCXO Based
Audio Dedicated USB Port	USB Audio Class 2.0	USB Audio Class 2.0
Digital Audio Input	SPDIF Optical up to 24-bit / 192 kHz	SPDIF Optical up to 24-bit / 192 kHz
Data USB	2xUSB 2.0 (Rear)	2xUSB 2.0 (Rear)
Ethernet	Gigabit Ethernet	Gigabit Ethernet
Analog Audio Output	Unbalanced(RCA): 2Vrms / Balanced(XLR): 4Vrms	Unbalanced(RCA): 2Vrms
Volume Control	-90 dB ~ 0dB, 0.5 dB step Velocity Sensitive Operation	-90 dB ~ 0dB, 0.5 dB step Velocity Sensitive Operation
USB Audio Output	PCM: up to 32-bit / 384 kHz DSD: DSD64, DSD128 / DoP Mode	PCM: up to 32-bit / 384 kHz DSD: DSD64, DSD128 / DoP Mode
DAC Chip	AK4490(AKM) x 2 (Dual-Mono Design)	AK4490(AKM) x 1 (Single Stereo Design)