## 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-wining 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 | $430 \times 55 \times 353(\mathrm{~mm}){ }_{10.2 \mathrm{Kg}} 16.93 \times 2.2 \times 13.9 \text { (inches) }$ | $330 \times 55 \times 353(\mathrm{~mm}) 12199 \times 2.2 \times 13.9 \text { (inches) }$ |
| 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 | $2 x$ USB 2.0 (Rear) | $2 x$ USB 2.0 (Rear) |
| Ethernet | Gigabit Ethernet | Gigabit Ethernet |
| Analog Audio Output | Unbalanced(RCA): 2Vrms / Balanced(XLR): 4Vrms | Unbalanced(RCA): 2Vrms |
| Volume Control | $-90 \mathrm{~dB} \sim 0 \mathrm{~dB}, 0.5 \mathrm{~dB}$ step Velocity Sensitive Operation | $-90 \mathrm{~dB} \sim 0 \mathrm{~dB}, 0.5 \mathrm{~dB}$ 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) |

