

aurender  
REFERENCE MUSIC SYSTEMS

# A10

Caching Network Music Server/  
Player with Analog Output



**2016  
NEW  
PRODUCT**

- 120GB SSD storage for caching playback
- 2TB of internal HDD storage
- Full-Linear power supply
- Unbalanced/Balanced Audio Outputs
- Dual 768KHz/32bit Next Generation Flagship AK4490 DAC Chip
- Fully Separate Dual-Mono DAC Blocks
- Volume adjustment from app or handheld remote control
- Dedicated USB Audio Output with Ultra Low-Noise Power Circuitry



[www.aurender.com](http://www.aurender.com)





Atorris Audio Labs  
ULTIMATE REFERENCE  
AUDIO RACK  
www.atorris.com



aurender

Music Servers / Streamers 2016

	W20	N10	A10	X100L	N100H
					
Width	Full-Size (430 mm / 16.93 in)	Full-Size (430 mm / 16.93 in)	Full-Size (430 mm / 16.93 in)	Half-Size (215 mm / 8.46 in)	Half-Size (215 mm / 8.46 in)
Height	106 mm / 4.17 in	83 mm / 3.27 in	55 mm / 2.2 in	83 mm / 3.27 in	55 mm / 2.2 in
Length	370 mm / 14.6 in	353 mm / 13.9 in	353 mm / 13.9 in	355 mm / 14.0 in	355 mm / 14.0 in
Weight	19 kg / 41.89 lb	12 kg / 26.4 lb	10.2Kg / 22.5 lbs	7.5 kg / 16.53 lb	4.6 kg / 10.14 lb
SSD for System and Cache	<b>240G</b>	<b>240G</b>	120G	120G	120G
Music Storage	<b>12TB HDD</b> (3.5" 6TB x 2)	<b>4TB HDD</b> (2.5" 2TB x 2)	<b>2TB</b> (2.5" HDD)	<b>6TB / 12TB</b> (3.5" 3TB x 2 or 6TB x 2)	<b>2TB</b> (2.5" HDD)
Power	<b>Battery + SMPS</b>	<b>Full-Linear</b>	<b>Full-Linear</b>	SMPS	<b>Full-Linear</b>
Display	3.7" Dual AMOLED	3.3" Dual AMOLED	3.0" AMOLED	3.3" AMOLED	3.0" AMOLED
Digital Audio Output	USB, COAX, Optical, BNC, <b>AES/EBU x 2 (Dual-Wire)</b>	USB, COAX, Optical, BNC, AES/EBU	USB	USB	USB
Digital Audio Input	-	-	SPDIF Optical	-	-
Analog Audio Output	-	-	<b>Unbalanced(RCA) / Balanced(XLR)</b>	-	-
Master Clock Input	Word Clock or Master Clock Input (BNC)	-	-	-	-
Other I/O	Gigabit Ethernet, USB Port x 2	Gigabit Ethernet, USB Port x 2	Gigabit Ethernet, USB Port x 2	Gigabit Ethernet, USB Port x 2	Gigabit Ethernet, USB Port x 2
Retail Price	\$17,600	\$ 7,995	TBD	\$3,495 / \$3,895	\$2,695



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**A10**

Caching Network Music Server  
Player with Analog Output





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EMS

# A10

Caching Network Music Server/  
Player with Analog Output



1.18V  
67101-8084  
1.18V





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REFERENCE MUSIC SYSTEMS

A10

Caching Network Music Server/  
Player with Analog Output

2016  
NEW  
PRODUCT

A10



2016  
NEW  
PRODUCT



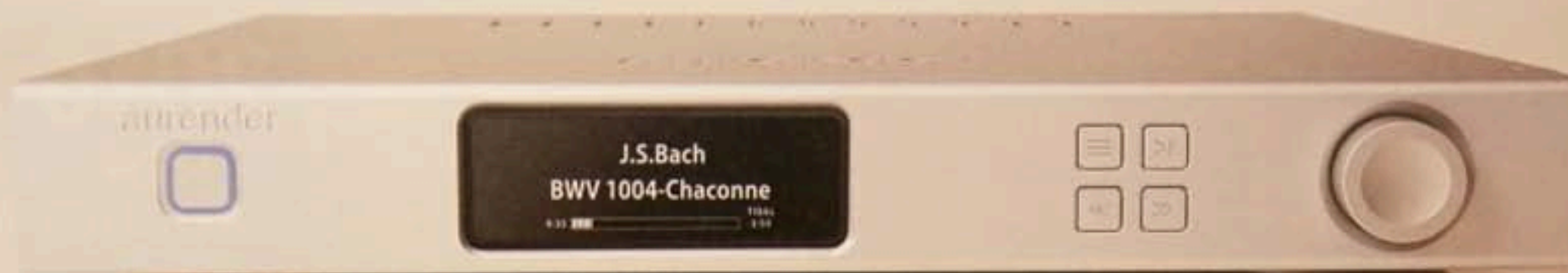
## aurender A10

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 A10 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.

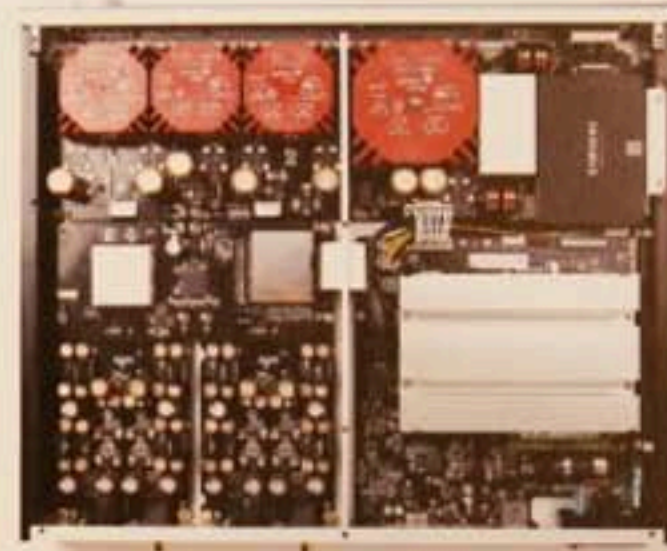
*The Future of Sound*  
Reference Music Systems  
**aurender**





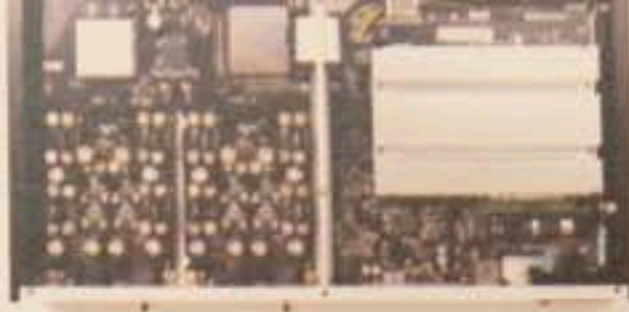
# A10 Caching Network Music Server/Player with Analog Output

- 120GB SSD storage for caching playback
- 2TB of internal HDD storage
- Full-Linear power supply
- Unbalanced(RCA)/Balanced(XLR) Audio Outputs
- Dual 768KHz/32bit Next Generation Flagship AK4490 DAC Chip
- Fully Separate Dual-Mono DAC Blocks with Discrete Linear Power Regulator
- Volume adjustment from app or handheld remote control
- Designed to keep the system noise level as low as possible
- Dedicated USB Audio Output with Ultra Low-Noise Power Circuitry
- Award-winning Aurender Conductor App with convenient features
- FPGA-based Precision Data Reclocking System with sub 100fs world top class jitter-reducing clock generator
- Four Individual Toroidal Power Transformers for Server / Digital / Dual DAC Blocks
- Supports Network-Attached Storage (NAS)
- Remote internet technical support





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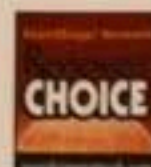


SPECIFICATION	A10
Dimensions & Weight	430 x 55 x 353 (mm) 16.93 x 2.2 x 13.9 (inches) / 10.2Kg 22.5 lbs
SSD for System and Cache	120G
Music Storage	2TB (2.5" HDD)
Power	Full-Linear
Display	3.0" AMOLED
Digital Audio Output	USB Audio Class 2.0
Digital Audio Input	SPDIF Optical up to 24-bit / 192 kHz
Other I/O	Gigabit Ethernet, USB Port x 2
Analog Audio Output	Unbalanced(RCA): 2Vrms / Balanced(XLR): 4Vrms
Volume Control	-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
DAC Chip	AK4490(AKM) x 2 (Dual-Mono Design)
Measurements	THD + N : Min. -112dB, IMD(SMPTE) Min. -113 dB THD (1kHz 2.5Vrms XLR output) : 0.00013 % Dynamic Range : MAX 121 dB Stereo Crosstalk : Better than -135dB, 20-20kHz.



# 2016 NEW PRODUCT

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  - 2TB of internal HDD storage
  - Full-Linear power supply
  - Unbalanced/Balanced Audio Outputs
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  - Fully Separate Dual-Mono DAC Blocks
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- Dedicated USB Audio Output with Ultra Low-Noise Power Circuitry





AE5/USB x 2 (Dual-Mini) 50C, AES3/AD

Digital Audio Input

SPDIF Coaxial

Analog Audio Output

2x Balanced XLR, 2x 1/8" Stereo TRS

Master Clock Input Word Clock or Master Clock Input (BNC)

Other I/O

Gigabit Ethernet, USB Port x 2

Gigabit Ethernet, USB Port x 2

Digital Ethernet, USB Port x 2

Digital Ethernet, USB Port x 2

Optical Ethernet, USB Port x 2

Retail Price

\$11,900

\$1,995

790

\$1,495 / \$1,495

\$1,495





SPDIF Cable  
20mm Axon Speaker Cable  
Interconnect  
Auracore AES/EBU Digital Interleave  
Auracore XLR Interconnect  
Auracore BNC Interconnect  
Venus USB  
AC Power Conditioning / Power Cable  
Hydra IPE-6 Digital Power Conditioner  
Zyros Auracore Power Cable  
Rigra Digital Power Cable  
Rigra Analog Power Cable  
Track Field Suspension System  
Ultra Green Light  
Auracore Audio Labs Ultimate Reference

auracore

The Nectarine No. 9  
Beautiful Car

auracore



auracore



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Chris Isaak

5:15

2:36 -0:35

DUAL WIRE / WORD CLOCK IN : 44.1

16bit 44.1kHz WAV

auracore







**aurender**  
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**W20**

Flagship  
Music  
Server & Player

ARCHITECT  
**M50**





**aurender**  
REFERENCE MUSIC SYSTEMS

**N10**  
Caching  
Network  
Music Player







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SYSTEMS  
**N100H**  
Caching  
Network  
Music Player



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**X725**  
DAC/  
Amplifier





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USB Async 44.1kHz AUR-UC100B

Adele

Rolling In The Deep





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REFERENCE MUSIC SYSTEMS

Music Servers  
Aurender A10 Caching Network Music Player with Analog Output  
Aurender N10 Caching Network Music Player  
Aurender W10 Caching Network Music Player

LOUDSPEAKERS  
Bryan Tompou III Loudspeakers

DAC  
JCS Vivaldi DAC and Master Clock

Power Amplifier  
Acoustic Atlas Signature Power Amplifier

Audio Cables  
Courtesy of Shunyata Research

Speaker Cables  
Zitron Anaconda Speaker Cables

Interconnects  
Anaconda AES/EBU Digital Interconnect  
Anaconda XLR Interconnect  
Anaconda BNC Interconnect  
Venom USB

AC Power Conditioning / Power Cables  
Hydra DPC-6 Digital Power Conditioner  
Zitron Anaconda Power Cable  
Sigma Digital Power Cable  
Sigma Analog Power Cable  
Dark Field Suspension System

Equipment Stand  
Atomic Audio Labs Ultimate Reference



Trumpet Gold  
Top The World | Instru



Art Davis  
A Flower Is A Love  
0:00 10:18 -0:01



Zitron Anaconda Speaker Cables  
INTERCONNECTS  
Anaconda AES/EBU Digital Interface  
Anaconda XLR Interconnect  
Anaconda BNC Interconnect  
Venom USB  
  
AC Power Conditioning / Power Cables  
Hydra DPC-6 Digital Power Conditioner  
Zitron Anaconda Power Cable  
Sigma Digital Power Cable  
Sigma Analog Power Cable  
Dark Field Suspension System  
  
Equipment Stand  
Atomic Audio Labs Ultimate Reference

audende



Trumpet Gold  
op The World | Instrum  
TIDAL 0:39 Normal STREAM 2:30



audende



DUAL WIRE / WORD CLOCK IN : 44.1P

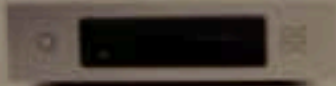


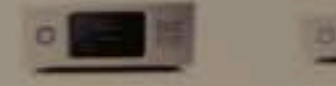
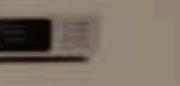






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Music Storage	12TB HDD (3.5" 6TB x 2)	4TB HDD (2.5" 2TB x 2)	2TB (2.5" HDD)	6TB / 12TB (3.5" 3TB x 2 or 6TB x 2)	2TB (2.5" HDD)
Power	Battery + SMPS	Full-Linear	Full-Linear	SMPS	Full-Linear
Display	3.7" Dual AMOLED	3.3" Dual AMOLED	3.0" AMOLED	3.3" AMOLED	3.0" AMOLED
Digital Audio Output	USB, COAX, Optical, BNC, AES/EBU x 2 (Dual-Wire)	USB, COAX, Optical, BNC, AES/EBU	USB	USB	USB
Digital Audio Input	-	-	SPDIF Optical	-	-
Analog Audio Output	-	-	Unbalanced(RCA) / Balanced(XLR)	-	-
Master Clock Input	Word Clock or Master Clock Input (BNC)	-	-	-	-
Other I/O	Gigabit Ethernet, USB Port x 2	Gigabit Ethernet, USB Port x 2	Gigabit Ethernet, USB Port x 2	Gigabit Ethernet, USB Port x 2	Gigabit Ethernet, USB Port x 2
Retail Price	\$17,600	\$ 7,995	TBD	\$3,495 / \$3,895	\$2,695





2016  
BEST  
PRODUCT

A10  
Output

SAMSUNG

12.5V 12.5V 12.5V  
OITEC  
SA101-4081  
115V 115V 115V

12.5V 12.5V 12.5V  
OITEC  
SA101-4081  
115V 115V 115V

12.5V 12.5V 12.5V  
OITEC  
SA101-4081  
115V 115V 115V

12.5V 12.5V 12.5V  
OITEC  
SA101-4081  
115V 115V 115V

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A10













2016  
NEW  
PRODUCT

Aurender A10  
with Analog Output

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MUSIC SYSTEMS

A10  
Caching Network Music Server/  
Player with Analog Output





2016  
BEST PRODUCT

A10  
Long Output

**aurender**  
REFERENCE MUSIC SYSTEMS

A10





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AUDIO RACK**  
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