

Aurender, February 2022

Warranty 2 years, Prices in CHF, VAT included, product and price changes reserved, replaces all previous price lists

		Page
Index	Music Servers (Ms) / Streamers (St)	1-2
	Ms / St with CD Ripper / Metadata Editor / Library Manager	3
	Ms / St with Digital to Analog Converter	3
	Ms / St with Digital to Analog Converter and CD Ripper / Metadata Editor / Library Manager	4
	Amplifier with Digital to Analog Converter	5
	Integrated music bundles	5
	Accessory	5
Topology and Key Features of Aurender Products	All Aurender Music Servers / Streamers share the same topology and key features as follows:	
	Audio Design Topology: all hard- and software are optimised for music playback CPU Board: proprietary Aurender circuit board SSD Playback Caching: improving sound quality, reducing wear of HDD HDD Storage: not preinstalled, depending on product from 1x 2TB up to 2x 10TB HDD Control: via proprietary Aurender apps for Android and Apple iOS devices Music Files Transfer: through USB2.0 ports via app or Ethernet via computer Streaming Services: TIDAL, QOBUZ and Spotify (user account needed) Internet Radio: SHOUTcast internet radio service Codec Support: MQA (optional on some units), DSD (DSF, DFF), AIFF, ALAC, FLAC, WAV, M4A, APE Color options: silver and black (black only for some units) Support: remote internet technical support	
Music Servers / Streamers		
NEW: N150	SSD Playback Caching: 240GB Capacity (not preinstalled): user installable (back panel sliding tray) up to 1x 5TB HDD (15mm height max.) MQA Core Decoder: optional, available through in-app purchase Digital Output: 1x USB Audio Class 2.0 (Native DSD up to DSD512, PCM up to 32bit/384kHz) Digital I/O: 1x double isolated Gigabit Ethernet, 2x USB 3.0 (data transfer) Power Supply: fanless full-linear and UPS (Uninterruptible Power Supply) system Display: 3.0" AMOLED Dimensions: 215 x 63 x 355mm; Weight: 5.3kg	3490
NEW: N200	SSD Playback Caching: 240GB Capacity (not preinstalled): user installable (back panel sliding trays) up to 2x 5TB 2.5" HDD (15mm height max.) MQA Core Decoder: optional, available through in-app purchase Jitter reduction: TCXO based precision clock Digital Outputs: 1x USB Audio Class 2.0 plug-in module with better isolation (Native DSD up to DSD512, DoP up to DSD256; PCM up to 32bit/384kHz), 1x Coaxial (PCM up to 24bit/192kHz) Digital I/O: 1x double isolated Gigabit Ethernet, 2x USB 3.0 (data transfer) Power Supply: fanless full-linear and UPS (Uninterruptible Power Supply) system Display: full-color 6.9" 1280 x 480 IPS LCD Dimensions: 330 x 96 x 355 mm; Weight: 9.0 kg	6490
N10	SSD Playback Caching: 240GB Capacity (not preinstalled): up to 2x 5TB HDD MQA Core Decoder: optional, available through in-app purchase Jitter reduction: FPGA based all Digital Phase-Locked Loop system with OCXO clock Optional DSD to PCM conversion: FPGA based, user selectable for non-DSD DACs Digital Outputs: 1x USB Audio Class 2.0 with ultra low noise power circuitry (DoP up to DSD128, PCM up to 24bit/192kHz), 1x Coaxial, 1x TOS, 1x AES (PCM up to 24/192kHz) Digital I/O: 1x Gigabit Ethernet, 2x USB 2.0 (data transfer) Power Supply: fanless full-linear Display: 3.3" Dual AMOLED Dimensions: 430 x 96 x 355mm; Weight: 12.3kg	8490

Music Servers / Streamers continued

N20	SSD Playback Caching: 500GB Capacity (not preinstalled): user installable (back panel sliding trays) up to 2x 5TB 2.5" HDD (15mm height max.) MQA Core Decoder: optional, available through in-app purchase Critical Listening Mode: system activity is reduced lowering overall noise floor dramatically for best possible sound quality PCM Upsampling: up to 24bit/192kHz Jitter reduction: FPGA based all Digital Phase-Locked Loop system with OCXO clock Optional DSD to PCM conversion: FPGA based, user selectable for non-DSD DACs Digital Outputs: 1x USB Audio Class 2.0 plug-in module with better isolation (Native DSD up to DSD512, DoP up to DSD256; PCM up to 32bit/384kHz), 1x Coaxial, 1x TOS, 1x AES (PCM up to 24bit/192kHz) Digital I/O: 1x double isolated Gigabit Ethernet, 2x USB 3.0 (data transfer) Word Clock or Master Clock Input: BNC 10 MHz, 12.8 MHz (44.1 kHz and 48 kHz multiples from 1 to 512) Power Supply: fanless full-linear and UPS (Uninterruptible Power Supply) system Display: Full-Color 8.8" 1920 x 480 wide IPS LCD Dimensions: 430 x 111 x 355 mm; Weight: 13.5 kg	12990
W20SE	SSD playback caching: 1TB Capacity (not preinstalled): 1x 4TB SSD for lowest possible noise level MQA Core Decoder: optional, available through in-app purchase Critical Listening Mode: system activity is reduced lowering overall noise floor dramatically for best possible sound quality PCM Upsampling: single wire mode up to 24bit/192kHz, dual wire mode 32bit/384kHz Superior Jitter Reduction: FPGA based all Digital Phase-Locked Loop system with improved OCXO clock Digital Outputs: 1x USB Audio Class 2.0 plug-in module with better isolation (Native DSD up to DSD512, DoP up to DSD256; PCM up to 384kHz), 1x Coaxial, 1x TOS (PCM up to 24bit/192kHz), 2x AES (Dual AES wire mode possible for reference DACs to double the level of resolution up to 32bit/384kHz) Digital I/O: 1x double isolated Gigabit Ethernet, 2x USB 3.0 (data transfer) Audio Power Supply: LiFePO4 (LFP) Battery CPU Power Supply: fanless full-linear SSD Isolation: aluminium casing with floating suspension brackets SSDs, rubber damping Display: 3.7" Dual AMOLED Dimensions: 430 x 127 x 370mm; Weight: 21.1kg	23990
NEW: N30SA	Reference two full sized chassis solution SSD Playback Caching: 480GB Capacity (not preinstalled): 1x 8TB SSD, 1x user installable (back panel sliding tray) up to 1x 5TB 2.5" HDD (15mm height max.) MQA Core Decoder: optional, available through in-app purchase Critical Listening Mode: system activity is reduced lowering overall noise floor dramatically for best possible sound quality PCM Upsampling: up to 24bit/192kHz Jitter reduction: FPGA based all Digital Phase-Locked Loop system with OCXO clock Optional DSD to PCM conversion: FPGA based, user selectable for non-DSD DACs Digital Outputs: 1x USB Audio Class 2.0 plug-in module with better isolation (Native DSD up to DSD512, DoP up to DSD512; PCM up to 32bit/384kHz), 1x Coaxial, 1x TOS, 1x AES (PCM up to 24bit/192kHz) Digital I/O: 1x double isolated Gigabit Ethernet, 2x USB 3.0 (data transfer) Word Clock or Master Clock Input: BNC 10 MHz, 12.8 MHz (44.1 kHz and 48 kHz multiples from 1 to 512) Power Supply: fanless full-linear and UPS (Uninterruptible Power Supply) system in separate chassis Display: Full-Color 8.8" 1920 x 480 wide IPS LCD Dimensions: 430 x 106 x 352 mm (each); Weight: 22.0 kg	26490

Music Server / Streamer with CD Ripper / Metadata Editor / Library Manager

ACS100	CD Ripping: State-of-the-Art and superior to dBpoweramp (WAV, FLAC or AIFF) thanks to Aurender's custom engineered software optimised for TEAC CD-ROM Automated Ripping: Software for Acronova Nimble included (hardware purchased separately with third party or rented with Audiosphere) SSD Playback Caching: 240GB Capacity (not preinstalled): user installable (back panel sliding tray) 2x 2TB 2.5" 7mm HDD (Raid1 storage 2 TB) Critical Listening Mode: system activity is reduced lowering overall noise floor dramatically for best possible sound quality MQA Core Decoder: optional, available through in-app purchase Digital Outputs: 1x USB Audio Class 2.0 (Native DSD up to DSD512; DoP DSD256; PCM up to 384kHz) Digital I/O: 1x Gigabit Ethernet, 2x USB 3.0 (data transfer) Power Supply: external DC19V/3.42A Display: 4.0" ips color LCD Dimensions: 215 x 111 x 257mm; Weight: 5.0kg	3890
ACS10	As above, but features added / improved with regards to: Capacity (not preinstalled): up to 2x 10TB HDD (Raid1 storage up to 10TB) Digital Outputs: 1x USB Audio Class 2.0 with ultra low noise power circuitry (Native DSD up to DSD512; DoP DSD256; PCM up to 768kHz) Digital I/O: 1x double isolated Gigabit Ethernet, 2x Gigabit Ethernet, 2x USB 3.0 (data transfer) Power Supply: fanless full-linear and UPS (Uninterruptible Power Supply) system Display: 4.0" ips color LCD Dimensions: 430 x 96 x 355mm; Weight: 12.1kg	5890

Music Servers / Streamers with full MQA Digital to Analog Converter

A100	SSD Playback Caching: 120GB Capacity: not preinstalled, up to 1x 5TB HDD MQA Core Decoder: included Jitter reduction: FPGA based all Digital Phase-Locked Loop system with TCXO clock Upsampling: user selectable upsampling PCM up to 32bit/384kHz Filtering: user selectable digital and analog filters for analog outputs DA-Conversion: single stereo DoP128 and 32bit/384kHz flagship AK4490 DAC chip with linear power supply Volume control: Aurender app (velocity sensitive), IR remote or rotary control knob Analog Output: 1x pair RCA, fixed or variable Digital Output: 1x USB Audio Class 2.0 with ultra low noise power circuitry (DoP up to DSD128, PCM up to 32bit/384kHz) Digital I/O: 1x Gigabit Ethernet, 2x USB 2.0 (data transfer) Digital Input: 1x TOS Power Supply: fanless full-linear Display: 3.0" AMOLED	3890
NEW: A200 available in February	SSD Playback Caching: 240GB MQA Core Decoder: included Capacity (not preinstalled): user installable (back panel sliding trays) up to 1x 5TB 2.5" HDD (15mm height max.) Jitter reduction: FPGA based all Digital Phase-Locked Loop system with TCXO clock Filtering: user selectable digital and analog filters for analog outputs Upsampling: user selectable upsampling PCM up to 32bit/384kHz DA-conversion: single stereo DSD512 and 768kHz/32bit next generation AK4490EN DAC chip with linear power supply Volume control: Aurender app (velocity sensitive), IR remote or rotary control knob Analog Output: 1x pair RCA, fixed or variable Digital Outputs: 1x USB Audio Class 2.0 with ultra low noise power circuitry (Native DSD up to DSD256, DoP up to DSD256; PCM up to 32bit/768kHz) Digital I/O: 1x double isolated Gigabit Ethernet, 2x USB 3.0 (data transfer) Digital Inputs: 1x RCA Coax, 1x TOS up to 24bit/192kHz, DoP DSD64 Power Supply: fanless full-linear and UPS (Uninterruptible Power Supply) system Display: full-color 6.9" 1280 x 480 IPS LCD Dimensions: 350 x 96 x 355 mm; Weight: 9.6 kg	6490

Music Servers / Streamers with full MQA Digital to Analog Converter continued

NEW: A15 8490
available in April

SSD Playback Caching: 240GB
MQA Core Decoder: included
Capacity (not preinstalled): user installable (back panel sliding trays) up to 2x 5TB 2.5" HDD (15mm height max.)
Jitter reduction: FPGA based all Digital Phase-Locked Loop system with TCXO clock
Filtering: user selectable digital and analog filters for analog outputs
Upsampling: user selectable upsampling PCM up to 32bit/384kHz
DA-conversion: dual-mono DSD512 768kHz/32bit next generation AK4490EN DAC chips with dual-mono linear power supplies
Volume control: Aurender app (velocity sensitive), IR remote or rotary control knob
Analog Output: 1x pair XLR, 1x pair RCA, fixed or variable, adjustable gain level
Digital Outputs: 1x USB Audio Class 2.0 with ultra low noise power circuitry (Native DSD up to DSD256, DoP up to DSD256; PCM up to 32bit/768kHz)
Digital I/O: 1x double isolated Gigabit Ethernet, 2x USB 3.0 (data transfer)
Digital Inputs: 1x RCA Coax, 1x TOS up to 24bit/192kHz, DoP DSD64
Power Supply: fanless full-linear and UPS (Uninterruptible Power Supply) system
Display: full-color 6.9" 1280 x 480 IPS LCD
Dimensions: 430 x 96 x 355 mm; Weight: 12.0 kg

NEW: A20 14990

SSD Playback Caching: 480GB
MQA Core Decoder: included
Critical Listening Mode: system activity is reduced lowering overall noise floor dramatically for best possible sound quality
Capacity (not preinstalled): user installable (back panel sliding trays) up to 2x 5TB 2.5" HDD (15mm height max.)
Jitter reduction: FPGA based all Digital Phase-Locked Loop system with OCXO clock
Filtering: user selectable digital and analog filters for analog outputs
Upsampling: user selectable upsampling PCM up to 32bit/768kHz
DA-conversion: dual-mono DSD512 768kHz/32bit next generation flagship AK4497 DAC chips with dual-mono linear power supplies
Volume control: Aurender app (velocity sensitive), IR remote or rotary control knob
Analog Output: 1x pair XLR, 1x pair RCA, fixed or variable, adjustable gain level
Headphone Outputs: 1x 6.5mm Jack
Digital Outputs: 1x USB Audio Class 2.0 with ultra low noise power circuitry (Native DSD up to DSD512, DoP up to DSD256; PCM up to 32bit/768kHz)
Digital I/O: 1x double isolated Gigabit Ethernet, 2x USB 3.0 (data transfer)
Digital Inputs: 1x RCA Coax, 1x BNC Coax, 2x TOS up to 24bit/192kHz, DoP DSD64
Power Supply: fanless full-linear and UPS (Uninterruptible Power Supply) system
Display: 8.8" 1920 x 480 ips color LCD

Ms / St w full MQA DAC, CD Ripper / Metadata Editor / Library Manager and Headphone Amp

A30 18990

As above, but features added / improved with regards to:
CD Ripping: State-of-the-Art and superior to dBpoweramp (WAV, FLAC or AIFF) thanks to Aurender's custom engineered software optimised for TEAC CD-ROM
Automated Ripping: Software for Acronova Nimble included (hardware purchased separately with third party or rented with Audiosphere)
Capacity (not preinstalled): up to 1x 10TB HDD
Headphone Outputs: 1x 4pin XLR Balanced, 1x 6.5mm Jack, 1x 3.5mm Minijack
Dimensions: 430 x 141 x 355mm; Weight: 17kg

Amplifier with Digital to Analog Converter

X725	DAC and amplifier Control: remote control, via Aurender Android and iOS app if connected to an Aurender Power rating: 2 x 100W @ 8ohms Inputs: 1x USB, 1x TOS Output: 1x pair Cardas patented binding posts Formats: up to 24/192kHz, DSD in native mode Power Supply: fanless full-linear Dimensions: 215 x 45 x 355mm; Weight: 4.7kg Color: Silver	2890
------	--	------

Integrated music bundles

N150 / X725	N150 musicserver and streaming client and X725 DAC and amplifier	5490
ACS100 / X725	ACS 100 Music Server / Streamer / CD Ripper / Dual HDD Storage / Metadata Editor / Library Manager and X725 DAC and amplifier	5990

Accessory

UC100	USB Converter: Precision Asynchronous USB Audio 2.0 to SPDIF (COAX, PCM up to 192kHz) converter for use with Aurender music servers with USB audio output only Dimensions: 54 x 145 x 30mm; Weight: 0.28kg Color: Silver only	890
-------	--	-----