



Astell&Kern

ULTIMATE HIGH FIDELITY
SOUND SYSTEM

BE THE ULTIMATE

Astell&Kern

ULTIMATE
HIGH FIDELITY
SOUND SYSTEM

Astell&Kern

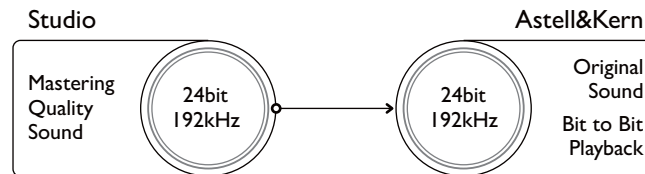
ULTIMATE HIGH FIDELITY SOUND SYSTEM

Astell&Kern is
the ultimate high-fidelity audio system
capable of bit to bit playback of
24bit studio Mastering Quality Sound(MQS).

24bit, 192kHz digital music processed during studio mastering retains
6.5 times the information that is lost when transcribed to a standard audio CD.

24bit audio results in a finer, more precise and enhanced sound.

We refer to 24bit audio as Mastering Quality Sound(MQS).



* CD : 16bit, 44.1kHz

GLOBAL RECOGNITION

76 PRIZES

8 countries

33 media

2015



Jan

[AK120 II, AK100 II]
iF Design Award 2015
iF International Forum Design,
Germany

[AK240]
The Portable Audio Player
of the Year
The Absolute Sound, USA

The Best of 2014
Part-Time Audiophile, USA

[AK500N]
Stars of CES 2015
WHAT Hi-Fi, UK

The Top Pick of This Year
Sound&Vision, USA

Feb

[AK240]
Golden Ears
Audio, Germany

Mar

[AK500 Series, AK CASTOR,
AK120 II, AK Jr]
Red Dot Award; Product Design
Red Dot, Germany

Apr

[AK120 II]
Best Portable Player of the Year
AV Magazine, HK

[AK500N]
The Outstanding Product
HifiNews, UK

May

[AK120 II]
Headphone Award 2014-2015
Headphone Book, Japan

[AK240]
Best of HiFi 2015
einsnull, Germany

[AK380]
Headphone Festival Award
'Grand Prix'
Fujiya Avic, Japan

[AK380, AK Jr]
Headphone Festival Award
'Music Player Category'
Fujiya Avic, Japan

[AK500N]
High End Show 2015,
Six of the best
WHAT Hi-Fi, UK

Jun

[AK120 II]
The Best of Portable Music
Player
HdAV, HK

[AK T5p]
The Best of Headphone
HdAV, HK

[AK500N, AK240SS, AK240,
AK120 II, AK100 II, AK T5p,
LAYLA, ANGIE]
VGP 2015 Summer 'Prize'
Phileweb, Japan

2014



Jan

[AK120]
Best Digital Source
Hi-Fi World, UK

Product of the Year
The Absolute Sound, USA
The Best Portable Player
AV-Bi Weekly, HK

[AK240]
Stars of CES 2014
WHAT HI-FI, UK

Best of CES 2014 Finalist
Engadget, USA

Mar

[AK120]
iF Product Design Award 'Gold'
iF International Forum Design,
Germany

Headphone Award 'Silver'
Headphone Book, Japan

[AK10]
iF Product Design Award
iF International Forum Design,
Germany

[AK240]
2014 Editors' Choice
The Absolute Sound, USA

Red Dot Award; Product Design
Red Dot, Germany

Apr

[AK100 Mk II]
2014 Recommended
Components Class B
Stereophile, USA



2013



Jun

[AK240]
VGP 2014 Summer 'Gold'
Phileweb, Japan

[AK10, AK100 Mk II, AK120]
VGP 2014 Summer 'Prize'
Phileweb, Japan

Aug

[AK240]
HRAC approved green
Hi Res Audio Central, USA

Sep

[AK240]
Best Of 2014 Blue Note
Equipment Awards
Enjoy the Music.com, USA

Nov

[AK240]
Audio Excellence Award 2015
Phileweb, Japan

PFO Audio Oasis
Positive Feedback, USA

[AK240, AK120II, AK100II, AK120,
AK100 Mk II]
Visual Grand Prix 2015
Phileweb, Japan

Dec

[AK240]
The most culturally influential
player of the year
新潮电子(eFashion), China

Jan

[AK100]
Editor Recommend Award
CHIP New Computer <新电脑>,
China

High Recommend Buy
Audio Magazine, Germany

Feb

[AK100]
Product award 2012 'Gold'
Kakaku.com, Japan

Recommended
Stereoplay, Germany

Mar

[AK100]
Red Dot Award; Product Design
Red Dot, Germany

Best New Spring Gear
Men's Journal, USA

Apr

[AK100]
Recommended
Hi-Fi Choice, UK

Aug

[AK120]
Winner of High-End Products
StereoLife, Poland

Oct

[AK120]
Best Of 2013 Blue Note
Equipment Awards
Enjoy the Music.com, USA

Highly Commended
Sound + Image, Australia

Audio Excellence Award 2014
Phileweb, Japan

[AK100]
2013 Recommended
Components Class B
Stereophile, USA

[AK10, AK100, AK120]
Visual Grand Prix 2014
Phileweb, Japan

Nov

[AK120]
CES Innovations Awards
CEA, USA

Dec

[AK120]
AVTech Media Award 2013/2014
Best Innovation
Hi-Fi Choice, UK

Product of the Year: runners-up
Stereophile, USA

Best of 2013 Award
Home Theater Review, USA

2012



Oct

[AK100]
Audio Excellence Award 2013
'Planning Prize for Brand'
Phileweb, Japan

Audio Excellence Award 2013
'Network Audio Player Category'
Phileweb, Japan

Dec

[AK100]
Technology Creative
DIGI LIFE, China

THE EVOLUTION OF A MASTERPIECE **AK380**

32bit/384kHz Bit to Bit Playback
20Bands EQ / 0.1dB Adjustment
VCXO Reference Clock(200 Femto Seconds)
Metal touch sensor Home button

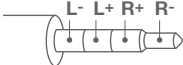
Native DSD Playback
Extendable Dock Connector
AK Connect App Compatible



INCAS Leather Case
(optional: Charcoal Gray/Burgundy/
Navy Blue color)



INCAS
Leather
Case
(bundle)

General Specifications	Display	4" WVGA(480 x 800) Touch Screen	
	Supported Audio Formats	WAV, FLAC, WMA, MP3, OGG, APE(Normal, High, Fast), AAC, ALAC, AIFF, DFF, DSF	
	Sample rate	PCM: 8kHz ~ 384kHz(8/16/24/32bits per Sample) DSD Native: DSD64(1bit 2.8MHz), Stereo/DSD128(1bit 5.6MHz), Stereo	
	Output Level	Unbalance 2.2Vrms/Balance 2.3Vrms(Condition No Load)	
	DAC	AKM AK4490 x2(Dual DAC)	
	Decoding	Support up to 32bit/384kHz Bit to Bit Decoding	
	Inputs	USB Micro-B input(for charging & data transfer(PC & MAC))/ Connection Mode: MTP(Media Device)	
	Outputs	PHONES(3.5mm)/Optical Out(3.5mm)/ Balanced Out(2.5mm, only 4-pole supported)	
	Wi-Fi	802.11 b/g/n(2.4GHz)	
	Bluetooth	V4.0(A2DP, AVRCP, aptX)	
	Dimensions	3.14"(79.8mm)[W] x 4.42"(112.4mm)[H] x 0.70"(17.9mm)[D]	
	Weight	8.11 oz(230g)	
	Body Material	Aircraft Grade Duralumin	
	Body Color	Meteoric Titan	
Feature Enhancements	Firmware upgrades supported(OTA)		
Audio Performance	Frequency Response	±0.053dB(Condition: 20Hz~20kHz) Unbalance/±0.053dB(Condition: 20Hz~20kHz) Balance ±0.56dB(Condition: 10Hz~70kHz) Unbalance/±0.55dB(Condition: 10Hz~70kHz) Balance	
	Signal to Noise Ratio	116dB @ 1kHz, Unbalance/117dB @ 1kHz, Balance	
	Crosstalk	130dB @ 1kHz, Unbalance/135dB @ 1kHz, Balance	
	THD+N	0.0008% @ 1kHz, Unbalance/0.0007% @ 1kHz, Balance	
	IMD SMPTE	0.0007% 800Hz 10kHz(4:1) Unbalance/0.0006% 800Hz 10kHz(4:1) Balance	
	Output Impedance	Balanced out 2.5mm(1ohm)/PHONES 3.5mm(2ohm)	
Clock Source	Clock Jitter	30ps(Typ)	
	Reference Clock Jitter	200 Femto Seconds	
Memory	Built-in Memory	256GB[NAND]	
	External Memory	microSD(Max. 128GB) x1	
Battery	Capacity	3,400mAh 3.7V Li-Polymer Battery	
OS	Supported OS	Windows XP, Windows 7, 8(32/64bit), MAC OS X 10.7. and up	

* **Device Components:** AK380 Device, Leather Case, Screw Cap, Micro 5pin USB Cable, Quick Start Guide, Warranty Card, microSD Card Slot Cover x2

AK380

ACCESSORIES

(Amp/Cradle/CD-Ripper)



AK380 AMP

General Specifications

Body Color	Meteoric Titan
Body Material	Aluminum
Output Level	[Low Gain] Unbalanced 2.1Vrms / Balanced 2.1Vrms(Condition: No Load) [High Gain] Unbalanced 4.1Vrms / Balanced 8.1Vrms(Condition: No Load)
Input	Type-B micro-USB Input(Charging & data transfer (PC & Mac)) / Connection Mode: MTP(Media Device)
Outputs	PHONES(3.5mm) / Balanced Out(2.5mm, only 4-pole supported)
Dimensions	3.17"(80.7mm)[W] x 5.01"(128.4mm)[H] x 0.40"(10.3mm)[D]
Weight	5.82oz(165g)

Audio Performance

Frequency Response	[Low Gain] $\pm 0.06\text{dB}$ (Condition: 20Hz ~ 20kHz) Unbalanced / $\pm 0.06\text{dB}$ (Condition: 20Hz ~ 20kHz) Balanced [High Gain] $\pm 0.03\text{dB}$ (Condition: 20Hz ~ 20kHz) Unbalanced / $\pm 0.03\text{dB}$ (Condition: 20Hz ~ 20kHz) Balanced
Signal to Noise Ratio	[Low Gain] 110dB @ 1kHz, Unbalanced / 110dB @ 1kHz, Balanced [High Gain] 113dB @ 1kHz, Unbalanced / 114dB @ 1kHz, Balanced
Crosstalk	[Low Gain] 108dB @ 1kHz, Unbalanced / 130dB @ 1kHz, Balanced [High Gain] 108dB @ 1kHz, Unbalanced / 128dB @ 1kHz, Balanced



AK380 Cradle

Body Color	Meteoric Titan
Body Material	Aluminum
Inputs	USB Micro-B input(for Power), USB Micro-B input(for CD-Ripper Port)
Output	XLR Balance x1
Dimensions	3.34"(84.95 mm)[W] x 2.67"(67.85 mm)[H] x 4.65"(118.12 mm)[L]
Weight	14.6oz(414g)



AK CD-RIPPER

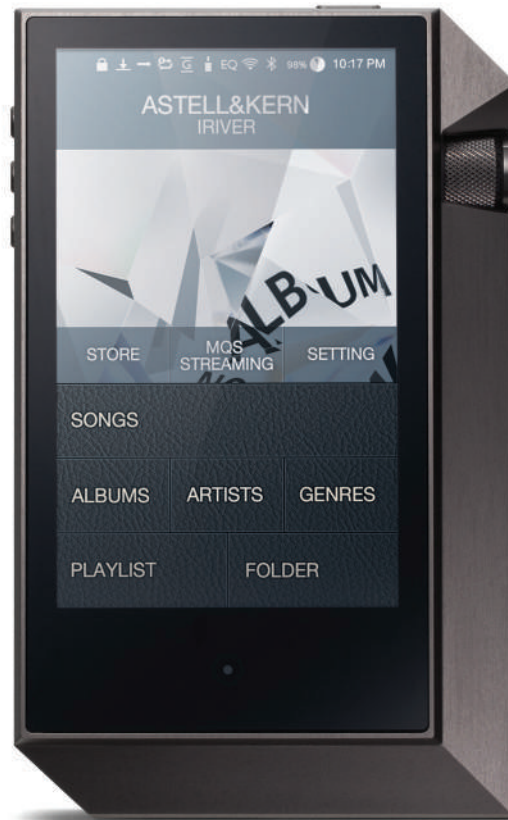
Body Color	Meteoric Titan
Body Material	Aluminum
CD Ripping Audio Format	WAV, FLAC
Dimensions	5.87"(149.1 mm)[W] x 5.92"(150.5 mm)[H] x 1.42"(36.3 mm)[D]
Weight	27.86oz(790g)

* Support for the AK240, AK120 II, and AK100 II is planned through future firmware updates.

BE THE ULTIMATE AK240

Native DSD(up to 5.6MHz)
Dual DAC
Balanced Output

Wi-Fi MQS Streaming
256GB, plus 1 microSD slot
Aircraft Grade Duralumin Body



reddot award 2014
winner



MINERVA Leather Case
(bundle: Olive green color)

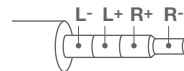


MINERVA Leather Case
(optional: Black/ Coral/ Peacock Blue color)



PEM12 Cradle (optional)

General Specifications	Display	3.31" WVGA(480 x 800) AMOLED Touch Screen
	Supported Audio Formats	WAV, FLAC, WMA, MP3, OGG, APE(Normal, High, Fast), AAC, ALAC, AIFF, DFF, DSF
	Sample rate	FLAC, WAV, ALAC, AIFF: 8kHz ~ 192kHz(8/16/24bits per Sample) DSD(Native): DSD64(1bit 2.8MHz), Stereo/DSD128(1bit 5.6MHz), Stereo
	Output Level	Unbalance 2.1Vrms/Balance 2.3Vrms(Condition No Load)
	DAC	Cirrus Logic CS4398 x2(Dual DAC)
	Decoding	Support up to 24bit/192kHz Bit to Bit Decoding, DSD64/128
	Inputs	USB Micro-B input(for charging & data transfer(PC & MAC))/ Connection Mode: MTP(Media Device)
	Outputs	PHONES(3.5mm)/ Optical Out (3.5mm)/ Balanced Out(2.5mm, only 4-pole supported)
	Wi-Fi	802.11 b/g/n(2.4GHz)
	Bluetooth	V4.0
	Dimensions	2.59"(66mm)[W] x 4.21"(107mm)[H] x 0.68"(17.5mm)[D]
	Weight	6.5oz(185g)
	Body Material	Aircraft Grade Duralumin
Body Color	Gun Metal	
Feature Enhancements	Firmware upgrades supported(OTA)	



Audio Performance	Frequency Response	±0.023dB(Condition: 20Hz ~ 20kHz) Unbalance & Balance/ ±0.3dB(Condition: 10Hz ~ 70kHz) Unbalance & Balance
	Signal to Noise Ratio	116dB @ 1kHz, Unbalance/117dB @ 1kHz, Balance
	Crosstalk	130dB @ 1kHz, Unbalance/135dB @ 1kHz, Balance
	THD+N	0.0007% @ 1kHz, Unbalance/0.0005% @ 1kHz, Balance
	IMD SMPTE	0.0004% 800Hz 10kHz(4:1) Unbalance/0.0003% 800Hz 10kHz(4:1) Balance
	Output Impedance	Balanced out 2.5mm(1ohm)/PHONES 3.5mm(2ohm)

Clock Source	Clock Jitter	50ps(Typ)
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Memory	Built-in Memory	256GB[NAND]
	External Memory	microSD(Max. 128GB) x1

Battery	Capacity	3,250mAh 3.7V Li-Polymer Battery
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OS	Supported OS	Windows XP, Windows 7, 8(32/64bit), MAC OS X 10.7. and up
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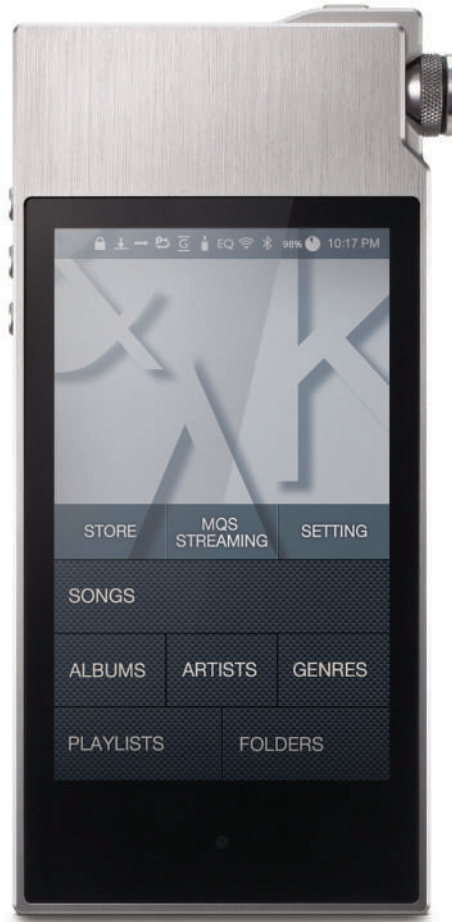
* **Device Components:** AK240 Device, Leather Case, Micro 5pin USB Cable, Quick Start Guide, Warranty Card, microSD Card Slot Cover x2

THE ULTIMATE JOY OF MUSIC

AKI20 II

Dual DAC
DSD Playback(DSD to PCM)
Balanced Output
Wi-Fi MQS Streaming

128GB internal memory
microSD card slot
Optical Out



BUTTERO Leather Case (bundle)



BUTTERO Leather Case
(optional: Red/Yellow/Blue/Brown)



PEM11 Cradle (optional)



reddot award 2015
winner

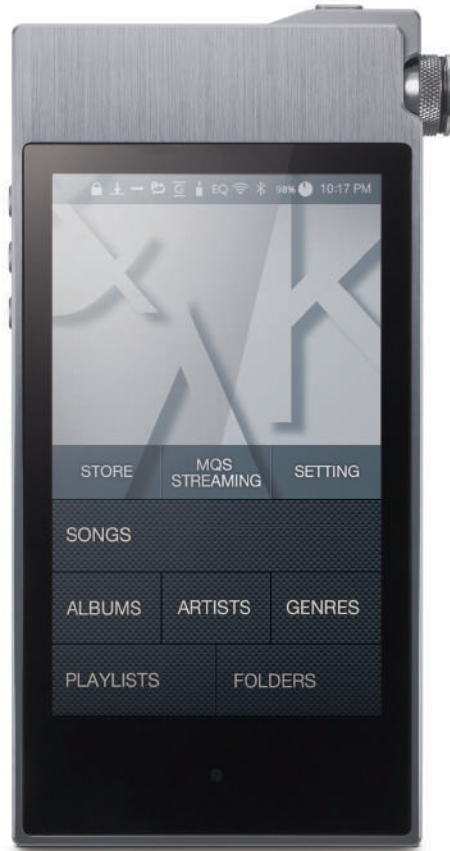
General Specifications	Display	3.31" WVGA(480 x 800) AMOLED Touch Screen	
	Supported Audio Formats	WAV, FLAC, WMA, MP3, OGG, APE(Normal, High, Fast), AAC, ALAC, AIFF, DFF, DSF	
	Sample rate	FLAC, WAV, ALAC, AIFF: 8kHz ~ 192kHz(8/16/24bits per Sample) DSD: DSD64(1bit 2.8MHz), Stereo/DSD128(1bit 5.6MHz), Stereo	
	Output Level	Unbalance 2.1Vrms/Balance 2.3Vrms(Condition No Load)	
	DAC	Cirrus Logic CS4398 x2(Dual DAC)	
	Decoding	Support up to 24bit/192kHz Bit to Bit Decoding	
	Inputs	USB Micro-B input(for charging & data transfer(PC & MAC))/ Connection Mode: MTP(Media Device)	
	Outputs	PHONES(3.5mm)/ Optical Out(3.5mm)/ Balanced Out(2.5mm, only 4-pole supported)	
	Wi-Fi	802.11 b/g/n(2.4GHz)	
	Bluetooth	V4.0	
	Dimensions	2.16"(55mm)[W] x 4.64"(118mm)[H] x 0.58" (14.9mm)[D]	
	Weight	6.24oz(177g)	
	Body Material	Aluminum	
	Body Color	Stone Silver	
Feature Enhancements	Firmware upgrades supported(OTA)		
Audio Performance	Frequency Response	±0.023dB(Condition: 20Hz~20kHz) Unbalance & Balance / ±0.3dB(Condition: 10Hz~70kHz) Unbalance & Balance	
	Signal to Noise Ratio	116dB @ 1kHz, Unbalance/117dB @ 1kHz, Balance	
	Crosstalk	130dB @ 1kHz, Unbalance/135dB @ 1kHz, Balance	
	THD+N	0.0007% @ 1kHz, Unbalance/0.0005% @ 1kHz, Balance	
	IMD SMPTE	0.0004% 800Hz 10kHz(4:1) Unbalance/0.0003% 800Hz 10kHz(4:1) Balance	
	Output Impedance	Balanced out 2.5mm(1ohm)/PHONES 3.5mm(2ohm)	
Clock Source	Clock Jitter	50ps(Typ)	
Memory	Built-in Memory	128GB[NAND]	
	External Memory	microSD(Max. 128GB) x1	
Battery	Capacity	3,250mAh 3.7V Li-Polymer Battery	
OS	Supported OS	Windows XP, Windows 7,8(32/64bit), MAC OS X 10.7. and up	

* **Device Components:** AK120 II Device, Leather Case, Micro 5pin USB Cable, Quick Start Guide, Warranty Card, microSD Card Slot Cover x2

THE NEW STANDARD OF PORTABLE MUSIC **AK100 II**

Single DAC
DSD Playback(DSD to PCM)
Balanced Output
Wi-Fi MQS Streaming

64GB internal memory
microSD card slot
Optical Out



Italy PU Case(bundle)

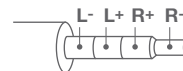


BUTTERO Leather Case
(optional: Blue/Black/Orange)



PEM11 Cradle (optional)

General Specifications	Display	3.31" WVGA(480 x 800) AMOLED Touch Screen
	Supported Audio Formats	WAV, FLAC, WMA, MP3, OGG, APE(Normal, High, Fast), AAC, ALAC, AIFF, DFF, DSF
	Sample rate	FLAC, WAV, ALAC, AIFF: 8kHz ~ 192kHz(8/16/24bits per Sample) DSD: DSD64(1bit 2.8MHz), Stereo/DSD128(1bit 5.6MHz), Stereo
	Output Level	Unbalance 2.0Vrms/Balance 1.7Vrms(Condition No Load)
	DAC	Cirrus Logic CS4398 x1(Single DAC)
	Decoding	Support up to 24bit/192kHz Bit to Bit Decoding
	Inputs	USB Micro-B input(for charging & data transfer(PC & MAC))/ Connection Mode: MTP(Media Device)
	Outputs	PHONES(3.5mm)/ Optical Out (3.5mm)/ Balanced Out(2.5mm, only 4-pole supported)
	Wi-Fi	802.11 b/g/n(2.4GHz)
	Bluetooth	V4.0
	Dimensions	2.16"(55mm)[W] x 4.37"(111mm)[H] x 0.58"(14.9mm)[D]
	Weight	5.99oz(170g)
	Body Material	Aluminum
	Body Color	Smoky Blue
Feature Enhancements	Firmware upgrades supported(OTA)	
Audio Performance	Frequency Response	± 0.025 dB(Condition: 20Hz ~ 20kHz) Unbalance & Balance/ ± 0.6 dB(Condition: 10Hz ~ 70kHz) Unbalance & Balance
	Signal to Noise Ratio	115dB @ 1kHz, Unbalance/115dB @ 1kHz, Balance
	Crosstalk	127dB @ 1kHz, Unbalance/130dB @ 1kHz, Balance
	THD+N	0.0009% @ 1kHz, Unbalance/0.0008% @ 1kHz, Balance
	IMD SMPTE	0.0004% 800Hz 10kHz(4:1) Unbalance/0.0003% 800Hz 10kHz(4:1) Balance
	Output Impedance	Balanced out 2.5mm(1ohm)/PHONES 3.5mm(2ohm)
Clock Source	Clock Jitter	50ps(Typ)
Memory	Built-in Memory	64GB[NAND]
	External Memory	microSD(Max. 128GB) x1
Battery	Capacity	3,150mAh 3.7V Li-Polymer Battery
OS	Supported OS	Windows XP, Windows 7,8(32/64bit), MAC OS X 10.7. and up



* **Device Components:** AK100 II Device, Italy PU Case, Micro 5pin USB Cable, Quick Start Guide, Warranty Card, microSD Card Slot Cover x2

THE STARTING POINT OF MUSIC AK Jr

24bit/192kHz High Quality
Audio playback
8.9mm ultra slim design
3.1-inch(78.74mm)
Touch Screen Display

DSD Playback(DSD to PCM)
64GB internal memory
microSD card slot



LASKINA® polyurethane fabric by Synt3
(optional: [Gaija Thermo] Black / Navy / Brown
[Twill] Green / Red / Beige color)



reddot award 2015
winner

General Specifications	Display	3.1”(78.74mm) WQVGA (240 x 400) / Touch Screen
	Supported Audio Formats	WAV, FLAC, WMA, MP3, OGG, APE(Normal, High, Fast), AAC, ALAC, AIFF, DFF, DSF
	Sample rate	FLAC, WAV, ALAC, AIFF: 8kHz ~ 192kHz(8/16/24bits per Sample) DSD: DSD64(1bit 2.8MHz), Stereo(DSD to PCM)
	Output Level	1.95Vrms
	DAC	Wolfson WM8740 x1(Single DAC)
	Decoding	Support up to 24bit / 192kHz Bit to Bit Decoding
	Inputs	USB Micro-B input(for charging & data transfer(PC & MAC))/ Connection Mode: UMS(USB Mass Storage)
	Output	PHONES(3.5mm)
	Bluetooth	V4.0
	Dimensions	2.08”(52.9mm)[W] x 4.60”(117mm)[H] x 0.35”(8.9mm)[D]
	Weight	3.28oz(93g)
	Body Material	Aluminum
	Body Color	Sleek Silver
	Feature Enhancements	Firmware upgrade supported
Audio Performance	Frequency Response	±0.04dB(Condition: 20Hz ~ 20kHz) ±0.3dB(Condition: 20Hz ~ 70kHz)
	Signal to Noise Ratio	112dB @ 1kHz
	Crosstalk	120dB @ 1kHz
	THD+N	0.005% @ 1kHz
	IMD SMPTE	0.0006% 800Hz 10kHz(4:1)
	Output Impedance	PHONES 3.5mm(2ohm)
Clock Source	Clock Jitter	50ps(Typ)
Memory	Built-in Memory	64GB[NAND]
	External Memory	microSD(Max. 64GB) x1
Battery	Capacity	1,450mAh 3.7V Li-Polymer Battery
OS	Supported OS	Windows XP, Windows 7,8(32/64bit), MAC OS X 10.7. and up

* **Device Components:** AK Jr Device, Micro USB Cable, Quick Start Guide, Warranty Card, microSD Card Slot Cover x2

THE ULTIMATE NETWORK AUDIO PLAYER **AK500N**

Perfect CD-Ripping
SSD(Max. 4TB, Raid 0/5)
Built-in Battery

DLNA(DMS, DMC, DMR)
Metal Body
PCM to DSD



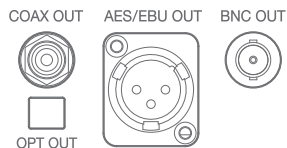
General Specifications	Display	7" WXGA(1280 x 800) Touch Display
	Supported Audio Formats	WAV, FLAC, WMA, MP3, OGG, APE, AAC, ALAC, AIFF, DFF, DSF
	Sample rate	8kHz ~ 384kHz(8/16/24bits per Sample) DSD(Native): DSD64(1bit 2.8MHz)/DSD128(1bit 5.6MHz)
	CD Ripping Audio Format	WAV, FLAC
	Fixed Output Level	3V(RCA, Balanced)
	Variable Output Level	7.5Vrms(RCA) / 10Vrms(Balanced)
	DAC	Cirrus Logic CS4398 x2(Dual DAC)
	USB Supported	Type A(Host) x2, Type B(Device) x1
	USB DAC Supported	UAC(USB Audio Class) 2.0 / DSD64, DSD128, PCM
	Network Supported	Wi-Fi 802.11b/g/n(2.4GHz) & Ethernet 10/100/1000, DLNA(DMS, DMC, DMR)
	Storage	SSD MLC 1TB/2TB/4TB(RAID 0/5)
	Digital Out	AES/EBU x1, BNC x1, Coaxial x1, Optical x1
	Digital Input	AES/EBU x1, BNC x1, Coaxial x1, Optical x1
	Analog Fixed & Variable Out	Balanced(L/R) x2, RCA(L/R) x2
	Channel Separation	> 135dB @ 1kHz
	Dimensions	8.42"(214mm)[W] x 9.56"(243mm)[H] x 9.37"(238mm)[D]
Weight	402.1oz(11.4kg)	
Body Material	Aluminum	
Body Color	Black / Silver	

Audio Performance	Frequency Response	$\pm 0.02\text{dB}$ (Condition: 20Hz ~ 20kHz)/ $\pm 0.4\text{dB}$ (Condition: 10Hz ~ 70kHz)
	Signal to Noise Ratio	118dB @ 1kHz, 10V
	THD+N	< 0.0008% @ 1kHz, 10V / < 0.001% @ 10Hz ~ 20kHz, 10V

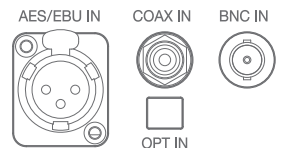
Battery	Capacity	10,400mAh / 7.4V(normally) / Li-Ion Battery
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* **Device Components:** AK500N Device, USB cable, Power cable, Adaptor, Antenna, T wrench, Quick Start Guide & Warranty Card, LCD protective film, Product protective cover

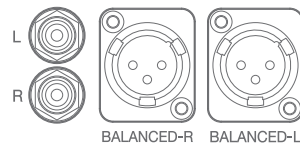
DIGITAL OUT



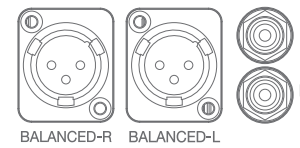
DIGITAL IN



FIXED ANALOG OUT



VARIABLE ANALOG OUT



THE ULTIMATE MQS
NETWORK AUDIO SYSTEM
AK500 SERIES



reddot award 2015
winner



AK500A

Output	100W + 100W @8Ω
Frequency Response	20Hz ~ 20kHz
THD+N	0.005% with 4 to 16Ω load
Signal to Noise Ratio	105dB
Gain	26dB
Input Impedance	20kΩ
Speaker Outputs	WBT Binding Post
Audio Inputs	Balanced(XLR)
Weight	about 261oz(7.4kg)
Dimensions	7.91"(201mm)[W] x 5.51"(140mm)[H] x 9.37"(238mm)[D]

AK500P

Power Output	1,000W(Continuous basis)
Supply Voltage	+48V, -48V, +12V
AC Input	85 ~ 264V
Weight	about 158oz(4.5kg)
Dimensions	7.91"(201mm)[W] x 2.75"(70mm)[H] x 9.37"(238mm)[D]

* **AK LED Colors:**

White, Yellow, White&Yellow

THE ULTIMATE ALL-IN-ONE
SOUND SYSTEM
AK T1

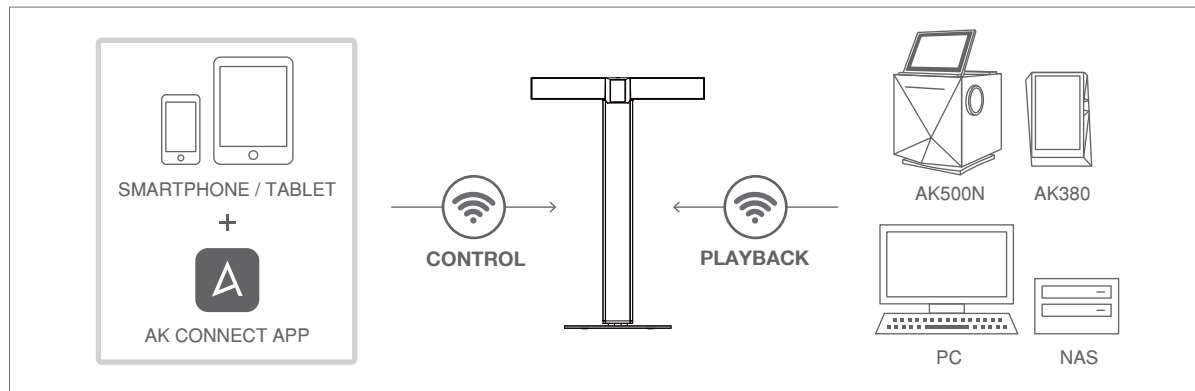
MQS Player
Dual DAC
Hybrid Amplifier

3 Way + 6 Speakers
Wi-Fi(DLNA 1.0), Ethernet, aptX
USB, microSD, AUX, Optical



General Specifications	Display	4"(101.6mm), 480x800 Touch Display
	Supported Audio Formats	WAV, FLAC, WMA, MP3, OGG, APE, AAC, ALAC, AIFF, DFF, DSF
	Sample rate	FLAC, WAV, ALAC, AIFF: 8~192kHz(8/16/24bits per Sample) DSD64(1bit 2.8MHz), DSD128(1bit, 5.6MHz)
	Speaker System	3 Way Multi Channel Active Speakers(4th CrossOver filter) 0.75" Tweeter x2, 2.0" Midrange x2, 6.5" Woofer x2
	Active CrossOver	Hybrid Amplifier(Analog Amplifier for Tweeter, Digital Amplifier for Midrange/Woofer)
	DAC	Cirrus Logic CS4398 x2(Dual DAC)
	Network Supported	Wi-Fi(802.11b/g/n) 2.4GHz, Ethernet(10/100/1000Mbps), DLNA(UPnP)
	Audio Inputs	AUX x1, Optical x1
	Other Inputs	USB type A(Host) x1, microSD card slot x1
	Bluetooth	BT3.0 with aptX
	Internet Radio&Streaming	vTuner, Sonodoos
	Dimension	27.5"(700mm)[W] x 39.2"(998mm)[H] x 15.9"(404mm)[D]
Weight	about 705.4oz(20kg)	
Body Color	Black / Silver	
Audio Performance	Frequency Range	48Hz ~ 22kHz
	Amplifier Output	180W(L/R, 90W x2)
App	Control App	AK Connect(iOS/Android)

* **Device Components:** AK T1 Device, Base, Power Cable, Adaptor, T-wrench, Bolts, Quick Start Guide & Warranty Card



Playback and control audio from a NAS or other devices via the AK Connect app installed on a smartphone or tablet.

Jerry Harvey Audio

Jerry Harvey Audio is proud to partner with Astell&Kern. The Siren Series Universal fit IEMs plus the Astell&Kern lets you to hear the music how the Recording Artist and Mix Engineer intended.



LAYLA THE SIREN SERIES

Full Carbon Fiber Body with Burnt Titanium Bezel
12 Driver Design: Quad Low, Quad Mid, Quad High
Adjustable Bass/Stainless Steel Tube Wave Guide
Additional 2.5mm Balance Cable for Astell&Kern
Handcrafted IEM's made in the USA

FEATURING **soundrive™** | **frēqphase™**
QUAD DRIVER TECHNOLOGY | STEEL TUBE WAVEGUIDE



Angie THE SIREN SERIES

8 Driver Design: Dual Low, Dual Mid, Quad High
Adjustable Bass/Stainless Steel Tube Wave Guide
Additional 2.5mm Balance Cable for Astell&Kern
Handcrafted IEM's made in the USA

FEATURING **soundrive™** | **frēqphase™**
QUAD DRIVER TECHNOLOGY | STEEL TUBE WAVEGUIDE



Jerry Harvey is an American sound engineer best known for inventing a series of customized dual-speaker in-ear monitors in 1995. He founded Ultimate Ears that same year, and in 2007 founded JH Audio. Jerry Harvey Audio has been designing the world's finest custom earphones for almost two decades and this newest innovation is no exception. Jerry Harvey's innovative audio designs are now available as a Universal fit products so everyone can listen like a rock star, right out of the box.

Beyerdynamic

Astell&Kern has partnered with beyerdynamic to launch Audiophile portable Tesla Hi-Fi Headphones, AK T5p. Now, Astell&Kern & beyerdynamic present the first in-ear headphones with Tesla Technology, AK T8iE.



AK T5p Audiophile portable Tesla Hi-Fi headphones

Designed & produced by Beyerdynamic in Germany
Customized fine tune for Astell&Kern
2.5mm 4pole Balanced Cable for Astell&Kern
Additional Single-ended cable included
AK T5p Special EQ (AK240, AK120 II, AK100 II)



32
ohm



2.5mm BALANCED PLUG



AK T8iE The Essence of Tesla Technology

Tesla Technology drivers for a superb listening experience
Timeless fluid design corresponds to the anatomical shape of the human ear
Perfect fit: 5pairs of special silicone eartips and 3pairs of Comply™ eartips
Premium leather case with magnetic seal
Additional 2.5mm 4-pole balanced cable included



MMCX Cable



2.5mm BALANCED PLUG

beyerdynamic)))

Founded in Berlin in 1924 and now based in Heilbronn, beyerdynamic is one of the leading companies in the audio technology industry. For more than 90 years German engineers have been developing and manufacturing outstanding sound to the highest quality standards for a constantly growing customer base.



www.AstellnKern.com