

Belles Aria Integrated Amplifier



Simplicity. It has been a cornerstone of David Belles' audio design philosophy for nearly 40 years. Over that span of time each successive generation of Belles amplifier or preamplifier has surpassed the last. And yet all have embodied the same mantra of simplicity. Form is driven by function. A straight line is the shortest circuit path.

Consistent with this long-standing tenet, Belles has moved to the next logical level. Introducing the Aria Integrated Amplifier!

The Aria integrated amplifier delivers a pure analog experience in one understated yet elegant enclosure. All the functional components necessary to its superlative performance: phono, line, headphone and power stages, are in straight-line proximity to one another. The one enclosure housing all these functions shortens the signal path and eliminates the need for a separate chassis and interconnect cables.

The design is truly state of the art. Phono, headphone and preamplifier stages all use Burr-Brown amplifiers which are known in pro circles for their ultra-low distortion characteristics. The power amplifier effortlessly outputs 75 watts per side into 8 ohms and is a discrete, fully complimentary configuration utilizing MOSFET transistor output stages.

The technical embodiments of the amplifier are simply a means to an end. As with all Belles products, the objective is to create a musical delivery system which is as faithful as possible to the source. Of course, pretty much all audio companies make this claim. We invite you to visit a Belles dealer. Bring some of your favorite recordings and run the amp through its paces. You'll discover a truly superlative audio experience doesn't have to come at a high price.

Aria owners have been writing to to say just how pleased they are with this amplifier. Some comments we've received: *"It's really good at picking up the resonance of overtones coming from a really good piano."* *"I think it's remarkably good with vocals..."* *"Overall I think it's a pretty amazing instrument"*

Hi-Fi Choice conferred "Recommended" status on the Aria Integrated Amplifier. Reviewer Chris Ward wrote *"Most importantly, sound quality is luscious and sweet and the claimed 75W per channel power output has rarely sounded more involving and muscular. This isn't an amp that demands to be listened to (as some can). It simply invites you to listen and a few hours later you realise a whole afternoon has sailed by. If you love the smooth, liquid delivery of tube amps but wish they had more grunt, listen to the Aria."*

Key Features

- Moving magnet phono stage using Burr-Brown amplifiers for ultra-low distortion. Precision resistor and polypropylene capacitor equalization network results in an accurate RIAA curve
- Discrete, fully complementary power amplifier with power MOSFET output stage. The amplifier produces 75 watts per channel of clean power into 8 ohms
- Inputs: 1 moving magnet phono; 3 line
- LED indicators for input, monitor and mute
- Manual and remote controlled Alps volume potentiometer
- Black or silver machined aluminum front panels
- Preamp line stage is powered by a Burr Brown OPA551 pro amplifier, capable of driving up to 200mA of current and operate up to ± 30 volts of power. The result is low distortion, wide bandwidth and effortless headphone amplification
- Power amplifier bypass so, if desired, the power amplifier can be accessed by another source, without going through the preamplifier
- Remote control included
- Headphone jack & preamp outputs
- Premium, machined, gold-plated RCA input and binding post output connectors
- Mute control



Rear view showing machined, gold plated input jacks and binding posts'

Specifications

Power Amplifier Section		Moving Magnet Phone Section	
Power output (both channels driven)	75 watts into 8 Ω ; 125 watts into 4 Ω / 112 watts into 8 Ω ; 175 watts into 4 Ω (with one channel driven)	Frequency Response	20 to 20,000 Hz \pm 0.05dB
Damping factor	over 2,000 @ 1kHz	Gain \blacklozenge Noise	33dB @ 1kHz \blacklozenge >80dB
Peak current	> 16 amperes	Distortion	< 0.0001%
Input impedance	47,000 Ω	Functions etc.	
Input Sensitivity	1.2 volts for 75 watts	Unbalanced stereo inputs	3 line; 1 phono moving magnet; 1 bypass and 1 monitor
Gain \blacklozenge Noise	21 voltage ratio or 26.4dB \blacklozenge >100dB	Unbalanced stereo outputs	1 speaker; 1 monitor, 1 preamplifier and 1 headphone
Frequency Response	0.6 to 100,000 Hz \pm 3dB	Pushbutton & Remote Controls	Power; Mute; Inputs (1, 2, 3, Phono); Mon (monitor/bypass); Volume
Headphone Section	Power: 600 milliwatts into 30 Ω peak	Power Rating	120VAC, 5A or 200-240VAC, 3.15A (SB fuse)
Line Section		Dimensions (WxHxD)	16.5 x 3.125 x 14" / 419 x 79 x 356mm (excluding jacks and controls)
Frequency Response	1.5 to 250,000 Hz \pm 3dB	Shipping Weight	24lb / 10.9 kg
Distortion	IM and THD < 0.001%	Warranty	5 years
Gain \blacklozenge Noise	3 voltage, 9.54dB. \blacklozenge >100dB	Designed and built in Pittsford, New York USA	