

ARCHE

Product Data Sheet

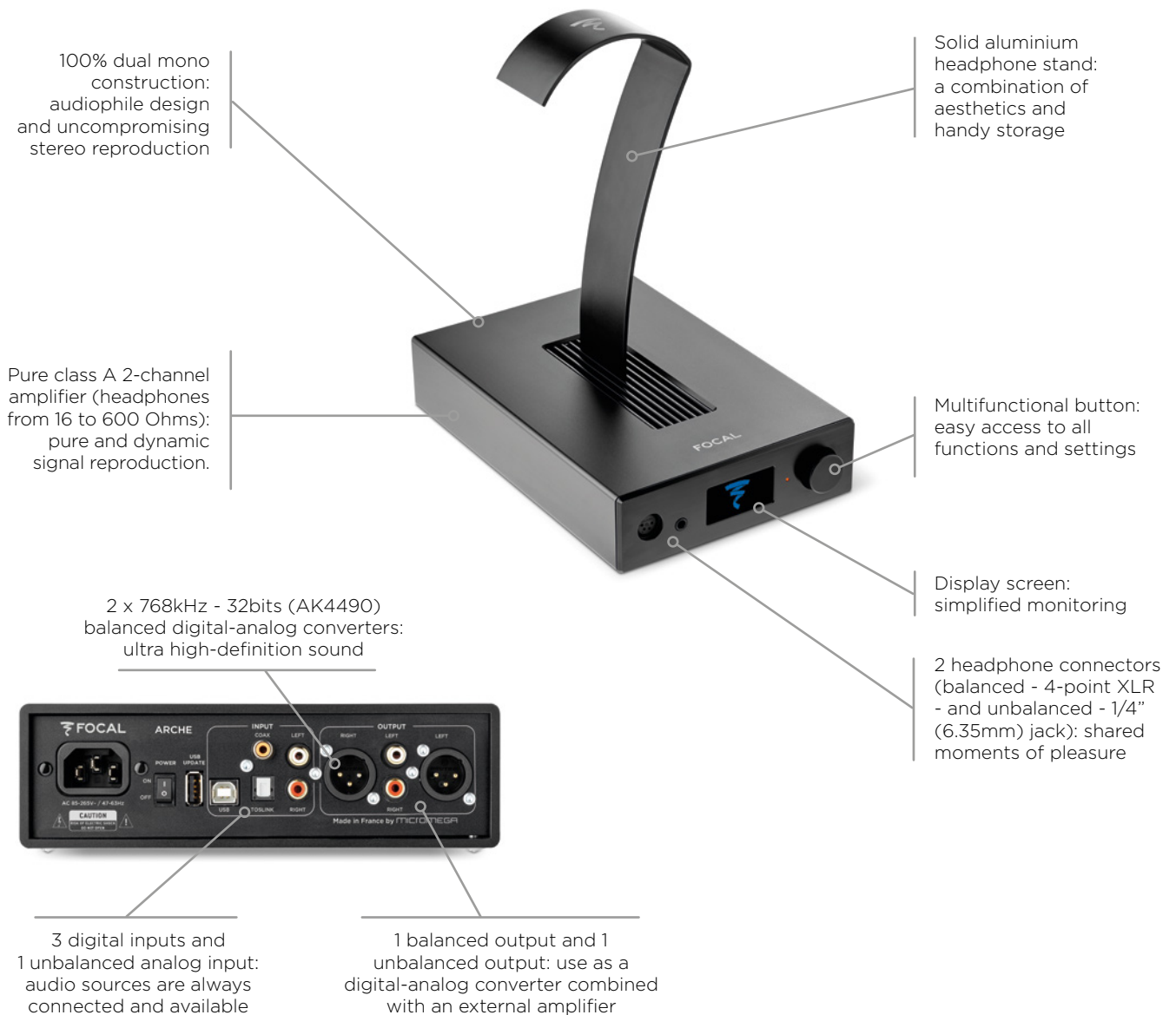


Arche is a unique audiophile solution. It combines a digital-analog converter with two pure class A amplification modes (voltage, hybrid), designed especially for headphones. Arche also offers presets for every set of Focal headphones to make sure you get the absolute best from this ultimate combination. Its dual mono ultra-high performance construction makes it possible to separate management of the left and right channels, from the powering stage. The two balanced digital-analog converters can process formats in PCM format, 384kHz, as well as DSD 256. The analog signal is then routed towards 2 pure class A amplification channels for an uncompromising solution. The original audio signal is thereby totally respected, so as to reproduce the tiniest details of the recording.



Key points

- Digital-analog converter compatible with high-resolution formats (384kHz - DSD 256).
- 2 integrated amplifiers (voltage and hybrid): choose the amplifier type best suited to your headphones.
- Presets for every set of Focal headphones: get the best from Focal's combination of electronics and acoustics.
- Dual mono audiophile construction from input of the digital signal to output of the self-powered signal.
- Can also be used as a digital-analog converter for high-fidelity home systems.



Type	DAC and headphones amplifier	
Max. power	2 x 1W @ 1kHz under 32 Ω	
Frequency response	10Hz to 100kHz	
Total Harmonic Distortion (THD)	< 0,001%	
Signal-to-noise ratio	> 116dB @ 32 Ω (Class A)	
Power supply	85 to 265 Vac / 47 - 63Hz	
Dimensions (H x L x D)	321 x 200 x 297mm	
Weight	10.25 lbs (4.65kg)	
Audio inputs	Unbalanced analog RCA	
	Digital S/PDIF coaxial (RCA): Max. sampling frequency	192kHz (AES3-compatible)
	Max. resolution	24-bit
	Optical digital (TosLink) Max. sampling frequency	192kHz (AES3-compatible)
	Max. resolution	24-bit
	Digital USB (USB-B): standard USB: USB 2.0 / USB 3.0 - USB audio class	
Audio outputs	Balanced analog 3-point XLR	
	Unbalanced analog RCA	
Firmware update	via USB port (USB-A)	