YBA

PRODUCT INFORMATION

HERITAGE D100 DAC

A Digital to Analog Converter, or DAC, takes your digital content and transforms it into analog so that your system can amplify it and play it through your speakers. If you think you already have DACs in your system, you would be correct. Anything that can accept a digital signal and output sound must include a DAC. This includes your phone, MP3 player, receiver, AV processor, computer, laptop, CD/DVD/Blu-ray player with analog outputs, wireless speakers, clock radios, and more.

Many people ask therefore why it is necessary to buy an external DAC. Perhaps the easiest to understand is that an external DAC can eliminate unwanted noise from your source product.

The YBA Heritage asynchronous D100 has DSD. Any source material being used which has been recorded with DSD encryption will be recognised by the D100 and will be reflected in the front panel display. This applies to all inputs. It also has Bluetooth. The USB input allows a direct connection to a PC/MAC. The D100 operation is fully independent of your computer built-in soundcard and will operate whether your computer has a soundcard or not. Windows users require a download which can be accessed from the website www.ybahifi.com/products.html MAC users do not require any download. The D100 is available in black or silver finish.

The D100 works seamlessly with Apple's Airport Express base station as well as Apple TV. It is also compatible with several streaming devices which offer a digital or coaxial output. The only thing you need to do is to connect the digital output of the device you are using (i.e. Airport Express, Apple TV, a streamer etc.) to the optical input of your D100 and you're done!

D/A CONVERTER	Texas Instruments PCM1795
DIGITAL INPUT WORD LENGTH	16, 24 or 32 bits
DIGITAL INPUT FREQUENCY	32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 192kHz
UPSAMPLING	Fixed 32 bits / 192 kHz
DIGITAL CARE	Ultra low jitter design. High precision re-clocking
SNR	-125 dB (XLR) / -120 dB (RCA)
THD+N (20Hz - 20 kHz)	<0.001%
FREQUENCY RESPONSE	20Hz - 20kHz
INPUTS	USB, Coaxial, BT, Optical
BT INPUT	BT V4.0
USB INPUT	PCM 24 bit / 384 kHz; DSD 64 & DSD 128
OUTPUT LEVEL (RCA)	Variable, up to 2V
OUTPUT LEVEL (XLR)	Variable, up to 4V (2V per phase)
POWER SUPPLY	Linear power supply with high performance R-Core transformer
CONSTRUCTION	Single frame aluminium
DIMENSIONS W x D x H	430 x 372 x 118 mm
WEIGHT	5 Kg