

USB D/A CONVERTERS

DA-100

Luxman DA-100 Review:



"Luxman have engineered a fine-sounding unit with the DAC-100. It manages to sound smooth, warm and musical while retaining a sense of detail and attack" - Hi-Fi World - 5 Globe Review.

Luxman is pleased to announce the launch of its latest USB D/A converter, the DA-100.

DA-100 continues the high performance, primary design of DA-200 which was launched in the autumn of 2010, but its enclosure is made more portable and its functions are simplified, making it possible for more audiophiles to enjoy audio from their PC.

In the modern audio world, great changes on multimedia sources and audio/video technology applications are taking place everywhere and every day. To keep abreast and stay ahead of the market, LUXMAN is continuously evaluating how to make its system simpler and more practical and how to meet and fulfil every customers' basic requirement to enjoy the most amazing listening experiences.

As a D/A converter, DA-100 can easily play the music files which are stored on your computer after downloading HD tracks or ripping CDs and achieve the impeccable sound performance that audiophiles require.

DA-100 is designed to support 96kHz/ 24bit high quality USB in addition to 192kHz/24bit optical/coaxial outputs. Besides, it provides different digital filter settings to allow users to switch between two different types of sound performance and also applies 32bit processing in the DAC to minimize computation errors. In addition to being a platform to connect the PC to a real audio system, DA-100 can also be used with headphones, letting users experience PC audio fun in a personal way. What's more, it can be used as an update component to improve upon the built-in DAC of any CD player. This Portable converter adopts LUXMAN exclusive high sound quality circuits and customized components, allowing audiophiles to experience a new level of sound reproduction.

Luxman Audio Player

Windows Version 1.2.1

Mac Version 1.3.1

Luxman Audio Driver

Windows Version 1.0.4.2 (32/64 Bit)



DA-100 Features

- Portable AG-sized 2 channel PCM D/A converter
- Adopts 32bit processing and equipped with the latest high quality Burr-Brown PCM5102 DAC
- Selectable Digital filters to switch it between FIR and IIR mode
- B-type USB interface to connect USB digital audio input from PC or Mac
- Supports 32kHz-192kHz, 16 bit, 20 bit, 24bit digital input (max 96kHz, 24bit for USB input)
- Available D/D converter function while connecting digital inputs including USB input
- Built-in headphone AMP circuit, similar to DA-200
- Low phase noise clock module to reduce the noise level of any digital signal
- High-accuracy built-in DAIR crystal for the digital input to minimize the jitter of asynchronous processing.
- Indicates frequency features via high visibility 3 digit 7segment LED display.
- Implements LUXMAN traditional round pattern PCBs and Spiral Wrap-shielded wiring and special-made components.
- Gold plated RCA output terminal with a pitch of 18mm, allowing large type connector to be plugged in.
- Compatible with various standard OS driver from Windows XP/Mac OSX onwards
- Supplied optional feet are available to be attached at the sides of the case to allow it stand upright *display will not switch automatically.

SPECIFICATIONS

Item	Value
Shape	2-channel D/A converter
Sampling frequency	COAX/OPT input: 32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192 kHz USB input: 32kHz, 44.1kHz, 48kHz, 96kHz
Digital input	USB(B type), OPT, COAX
Digital output	COAX, OPT
Analog output	RCA unbalance 1system(18mm pitch), headphone 1system
LINE output voltage/competance	2.1V/300Ω
Headphone output	130mW+130mW(600Ω), 80mW+80mW(32Ω), 40mW+40mW(16Ω)
Frequency response	2Hz ~60kHz(+0, -3.0dB)
THD, S/N Ratio	0.004%, 112dB

Peripherals

[Front panel] input selector(USB/OPT/COAX), sampling frequency display(32, 44.1, 48, 88.2, 96, 176.4, 192 kHz(3digits 7segment red LED), volume, headphone output connector, digital filter selector
[Rear panel] power cord, AC inlet, USB input connector, COAX input connector, OPT input connector, COAX output connector, OPT output connector, analog output connector(RCA)

Consuming power

7W(Electrical Appliances and Materials Safety Act)

Dimension, Weight

149(W)x70(H)x232(including front panel knob:14mm, rear panel connectors 8mm)(D)mm, 2.3Kg

Accessories

Remote control,
Power cord(JPA-10000: with polarities indicated)