LEADAUDIO

The specification might be changed without prior notice

D/A converter: Burr Brown 24 bit /192khz
Digital input sampling frequencies supported:
USB: 44.1kHz 48kHhz
Digital Inputs: 20kHz to 216kHz
Frequncy response: DC to 20kHz
THD @ 1kHz : < 0.001% by design
S/N ratio: > 120dB by design (A weighting))
Jitter : <100pS by design (ASR)
LINE Output Level: 1V RMS max 600R Load
HeadPhone Output Level : max 3.6VRMS in 600 ohm or
0.5VRMS in 32 ohm (Zout=25 ohm).
Power consumption: < 5W

Dimensions: 108 x 135 x 35 mm

Warranty Card

Product Name		Model Name	
Purchase Date		Dealer	

- Warranty period of thie product is one year.
- This product was manufactured under severe quality control and inspection process.
- This product passed EMC test and certification for home use device.
- The warranty is only valid if, when warranty service is required, the warranty card is fully and properly completed with the original invoice or receipt or confirmation, and the serial number on the product has not been defaced.
- Lead Audio's obligations are limited to the repair or, at its discretion, replacement of the product or the defective part.
- The products should be delivered to authorized Lead Audio dealers or authorized service centers by purchaser when repair or replacement
- Warranty repairs must be carried out by authorised Lead Audio dealers or authorised service centres.

  No re-imbursement will be made for repairs carried out by non Lead Audio dealers and, any such repair work and damage to the products caused by such repair work will not be covered by this warranty.
- This product is not considered to be defective in materials nor workmanship by reason that it requires adaptation in order to conform to national or local technical or safety standards in force in any Country other than the one for which the product was originally designed and manufactured.
- The warranty period starts from the invoice date or 2 months after production date which is recorded in central system of Lead Audio if purchaser can't provide a valid invoice.

Lead Audio Customer help desk : +45 23 43 17 89 www.lead-audio.com

LEADAUDIO

www.lead-audio.com

Digital to Analog Converter
Model : **Lead Audio LA-100**

English

Message from the manufacturer

Thank you for purchasing LA-100 of Lead Audio.
Please read this product manual in detail to enjoy the pleasure of high fidelity sound.
LA-100 is an innovative product which can be used easily with external power supply.
You can enjoy listening to LA-100's sound of an excellent quality by simply connecting to PC.
LA-100 was designed by unique Danish technology with over 25 years of know-how established from high fidelity of Audio world.
Please take a look at the main features as follows and then enjoy original sound with help of LA-100.

Main Features

- 192KHz/24bit upsampling DAC (Burr Brown) Burr-Brown Products from Texas Instruments
- Adaptation of professional grade of sample rate converter to remove audio jitter
- Low phase noise Colpitts clock reference with AT cut Crystal
- The analog output signal is DC coupled. No series capacitor with the analog signal path which causes degrading of sound
- The analog power supply is both a series and a shunt design with very low noise.
- The analog signal processing is done by ultra low noise & distortion type of Opamps (Far better performance than normally used NE5532/34)
- High efficiency power supply design for environment saving

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Now please connect LA-100 to PC with USB input. LA-100 will play realistic HiFi sound quality with detection of the best DAC/Soundcard by PC. Detection and driving of LA-100 is automatic. Just plug in and then enjoy the sound. SPDIF optical(Toslink) and Coaxial(RCA) input can be connected to digital source of CD player and DVD player.

Soren Mac Larsen, Designer

Connecting to the PC

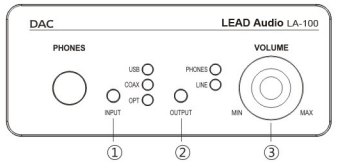
- Use the USB cable to connect directly to the PC's USB Port. It is recommended that you do not use an USB hub but instead directly plug into the PC. The PC will show a recognition message.
  In a normal PC, the USB DRIVER recognizes the LA-100 shortly after the connection. After this, you can start enjoying the quality sounds of LA-100

Safety and Caution for Operation

- Do not expose the product in water or in to dense humidity. There is a risk of getting an electric shock or a start of fire
- Do not remove the cover. It may cause wrong operation and break
- User repair parts are not enclosed
- Please ask for service to experts
- Do not use the product near water
- Do not cover the air circulation holes.
- Do not install the product near heating sources such as heaters, stoves and fireplaces.
- Do not use non-approved parts.
- Pull out the power plug when the product is unused for a long time.
- Contact the A/S if the power plug is damaged, any liquid entered the product, exposed to rain or humidity, does not work properly, or if damaged in any other way.
- Please only use power adapter enclosed in packing box.
- Please take all the safety tips cautiously

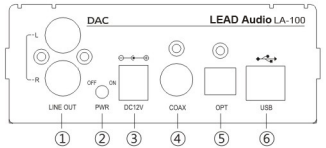
Front & Back Panel

Front Panel



1. INPUT Button
   You can choose the input source by pushing this button (USB, COAX, OPT)
2. OUTPUT Button
   You can choose output device by pushing this button (Headphone, Line Out)
3. VOLUME
   You can control the headphone volume with this knob.

Back Panel



1. Line OUT
   Connect to Amplifier through RCA
2. Power On/Off
   Switch to supply power to the product
3. DC 12V
   Please only use the adapter which is enclosed in packing box
4. COAX
   This Input is for connection with CD or DVD player which has digital audio output.
   It is for digital RCA cable. Audio RCA cable cannot be used.
5. OPT
   This Input is for connection with CD, DVD or other device which has optical digital output.
6. USB (USB2.0)
   This USB Input can be connected to PC directly.
   - Please do not use external USB hub but connect product to USB port of PC directly.
   - When the PC recognizes the USB, it is ready for use