



Technical Specification: (To be changed without notice)

USB	44.1kHz, 48kHz
Digital Input	Up to 216kHz Coax 96kHz Optical
Analog Input	2VRMS / 10kohm
Frequency response	15Hz to 20kHz (analog input) 3Hz to 20kHz (digital input)
THD at 1KHz	<0.03% (6dB below maximum output)
Output Power (1% THD)	2x25W 8ohm, 2x14W ohm
S/N ratio	>100dB (A weighting)
Jitter	<100pS by design (ASR)
HeadPhone Output	32-600 ohm drive 100mW
Power consumption	<5W at normal playing (max 60W) <0.5W standby <0.1W off
Dimensions	215 x 200 x 55 mm
Weight	2kg

Warranty Card

Product Name		Model Name	
Purchase Date		Dealer	

*Warranty period of this product is two years.

- 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 is required.
- Warranty repairs must be carried out by authorized Lead Audio dealers or authorized service centers.
- No reimbursement 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.
- 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



www.lead-audio.com

Digital to Analog Converter/Amplifier
Model : Lead Audio LA-200

English

Message from the manufacturer

Thank you for purchasing LA-200 from Lead Audio. Please read this product manual in detail to enjoy the pleasure of high fidelity sound.

Main Features

the specification might be changed without prior notice

- Power amplifier is digital with noise shaping and 400KHz sample rate.
- The VERY important passive output low-pass filter is a modified 4th order, specially designed for real speakers.
- Professional grade sample rate converter to remove incoming Jitter.
- Low phase noise Collpitz Oscillator reference with AT cut Crystal.
- The output signal is DC coupled, resulting in no capacitors in series with the digital signal path.
- The Headphone amplifier has it's very own DAC and the same as our highly praised LA 100.
- High efficiency Power Supply design for saving the environment.

Setting Up

1. Connect the power supply to the LA200 . (Do not connect to the mains)
2. Connect speakers respecting that + (red) should go to the +(red) on the speaker, and that the -(black) should go to the -(black on the speaker).
3. Connect the signal sources of your choice (CD, PC, etc) to the corresponding inputs.
4. Now Connect the power supply to the mains.
5. Turn down the volume and push the power button
6. Select the input you want to listen to.
7. Start your music player (PC, CD, Ipod)
8. Adjust the volume.
9. Enjoy

Notes on Operating

USB: When connected properly the operating is very simple but when playing through USB on a PC:

1. Use a direct connection (No HUB).
2. Always use the same USB output.
3. The LA-200 must be powered BEFORE playing on your PC.
4. Now you will get "Found new hardware" at the right bottom of your screen, the installation should be automatic and no driver disc will be needed.
5. When you see the display " Your new hardware is installed and ready to use",
6. You are ready and the LA-200 will be your new default audio device.
7. Start your music player and enjoy !

CD and DVD:

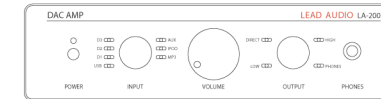
Connect the CD player digital out (RCA or TOSLINK) to the corresponding input on the LA 200. With the DVD: the LA 200 only Accepts PCM digital audio. It will not work on Dolby digital 5.1 or DTS. Please set you DVD player output to 2 channels PCM.

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.
- Please only use power adapter enclosed in packing box.
- Please take all the safety tips cautiously

Front & Back Panel

Front Panel



INPUT: selection of input source

USB: USB PC connections

D1,D2: Coaxial s/pdif digital input

D3: Optical s/pdif digital input

AUX: Auxiliary Analog source

IPOD: Selection of IPOD input

MP3: Selection of MP3 input

On/Off: The power button has 3 functions

OFF: no light , power consumption is very low.

STANDBY: RED light (no other light) , power consumption is low.

ON: Red light and also Input and output light.

STANDBY and **ON:** A toggle function. Here you just push the button.

OFF: Full power off, and to do this the power button should be pressed for >5 seconds.

VOLUME: Setting the out level

OUTPUT Switch:

LOW: In this position, the output level is reduced. This can be used when the telephone is ringing, or for just keeping the level at limited level.

DIRECT: The recommended setting for best undistorted sound. In this position, the output signal can never be distorted.

HIGH: This is to get the loudest possible sound pressure level. It has extra amplification and special algorithms for avoiding clipping and playing as loud as possible. In this position the output level is similar to a much bigger amplifier.

PHONES: selecting headphones output, speakers are switched off.

Back Panel



SPEAKERS: Connect speakers to these connectors. Use good quality cable. Red is (+) and Black is (-). Connect with good quality audio cable (1,5mm2).

D1,D2: Digital Coaxial input.

D3: Optical S/pdif input . Connect to optical

USB: Connect to PC

DOCKING: This connector provides charging for an external IPOD docking station.

IPOD: 3.5mm Jack. Connect to IPOD docking.

MP3: 3.5mm jack .Connect to MP3 personal player, other analogue signal source (e.g. TV)

AUX: Left and Right RCA Connectors for external analogue stereo source.

DC-IN: DC power input for connecting to external adapter.

Caution: Connect this input BEFORE connecting to mains.