

Calyx Coffee

User's Manual

www.calyxaudio.com

※ This manual may have some differences depending on the version of the product.

Introduction

Music is the most important messenger of human emotion as well as a meaning of its expression since human beings appeared on this earth. Music created by amazing inspiration of many gifted composers makes people moved and our normal lives enriched.

The absolute sound and real music performed in real space like concert halls are the most important experience that makes people get to the musical essence. Besides, audio products re-producing music are a way of modern civilization making our lives better.

Since 1999, the year of establishment, **Digital & Analog Co., Ltd.** (as known as **D&A**) has been providing class-D I.C.s to various audio OEM companies. And **D&A** started to make its own high-end audio products since 2008 and as a result, we succeeded to build audio products with excellent measured performance which any other amplifiers were not able to reach so far. **Calyx** is the by-product of such an effort based on **D&A**'s many experiences like designing, manufacturing and selling of class-D ICs and supporting its customers to make their audio products using **D&A**'s I.C.s. **Calyx** has been tested subjectively as well as objectively under a lot of test circumstances.

A great Chinese poet 'Bai Ju Yi' of the Tang Dynasty expressed sound as followings in on of his book;

"A poem has passion as its root, words as its buds, sound as its flower and meanings as its fruits"

So we named our products as **Calyx**, in the meaning of corolla of music described as flower by the renowned poet.

Calyx will enrich your life as a strong support of musical flower. This coincides exactly with our slogan;

"Technology making the world affluent."

Calyx is high-end products, which you can be proud of possessing it.

Digital & Analog Co., Ltd. has developed class-D amplification technology with many patents on the technology.

From now on, we provide high-end audio products to music lovers like you

Thanks and enjoy the music.

Seungmok Yi

CEO/President



Cautions

Please take a moment to read these notes before installing your Calyx Amp, as they will enable you to get the best performance and prolong the life of the unit.

As our engineers are striving for the constant research and development to develop the quality of products, shape or structure of our model can be changed without previous notice.

※ We advise you follow all instructions, heed all warnings and keep the instructions for future reference.

Never touch the unit with wet hands.

▶ This can result electric shock..

Do not put any objects on top of the unit.

▶ If the objects fall, it may cause harm to the user.

Do not expose the unit to direct sun radiation or other heat sources.

▶ This could lead to overheating and malfunction of the unit.

Do not expose the unit to rain or moisture.

▶ This can result electric shock..

To clean the unit, please follow next instructions.

▶ Wipe its case with a dry, lint-free cloth.

Do not use any cleaning fluids containing alcohol, ammonia or abrasives.

Do not spray an aerosol at or near the amplifier.

Do not listen to loud music for a long time.

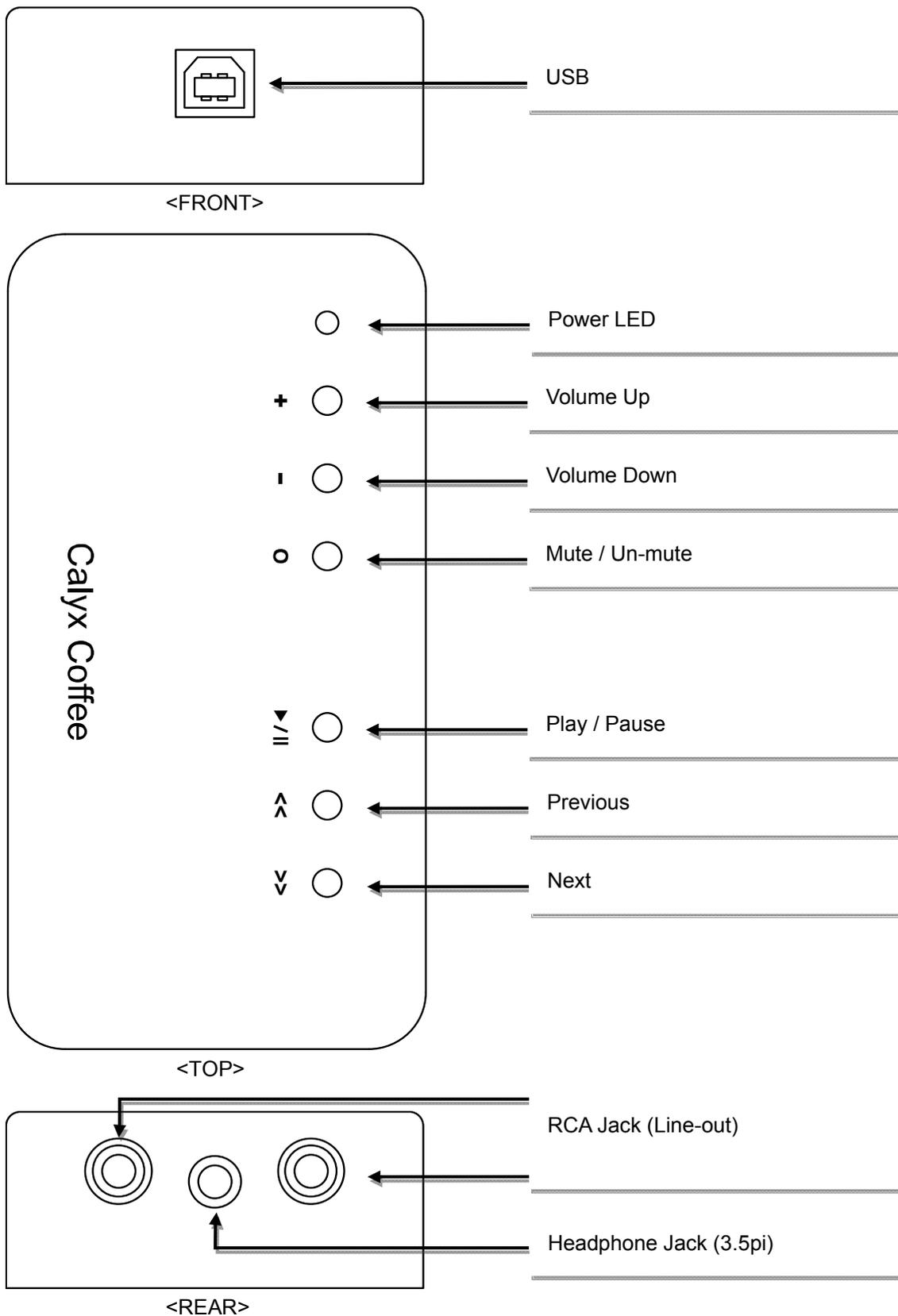
▶ This may cause harm to user's hearing ability

Never attempt to repair, disassemble or reconstruct the unit.

▶ This could damage the unit.

※ If the product needs to repair, please contact the calyx service center.





Connect headphone to your Calyx Coffee through the headphone jack. When a headphone plug is inserted into the headphone-out, the line-out(RCA) is muted.

On Windows OS, ►/|| (Play / Pause), << (Previous), >> (Next) these three buttons operate as following;

1. At playlist, when you press buttons of ►/|| (Play / Pause), << (Previous), >> (Next) for the first time, you should press it two-times fast, just like “double-click” the functions work properly. After then, you can press only once to operate each function.
2. When you try >> (next) from << (previous) or vice versa, you press it two-times fast (double click). Since then, you may press only once to operate each function.

※ Caution !

When you press each button once, it operates like you press button two times slowly (Foobar 2000) or like you do continuously (other plug-ins than Foobar 2000).

On Mac OS, every function works when you press each button only once.

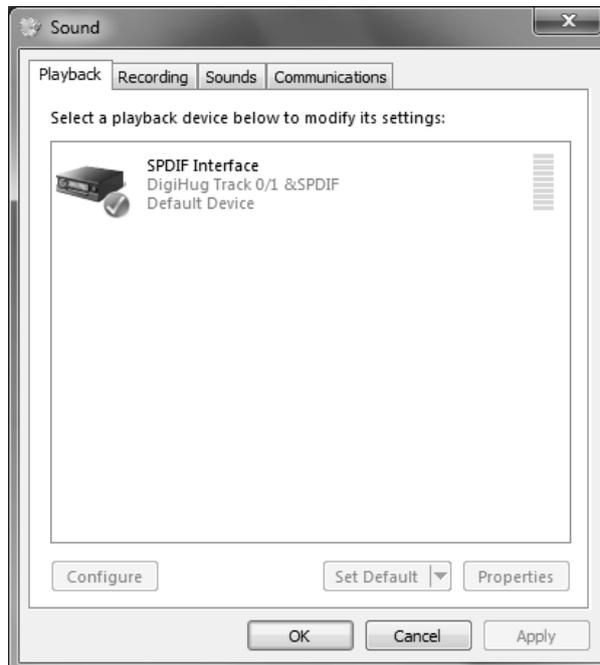


There's no need to install USB drivers on Windows™ and Apple OS X™

1. Windows



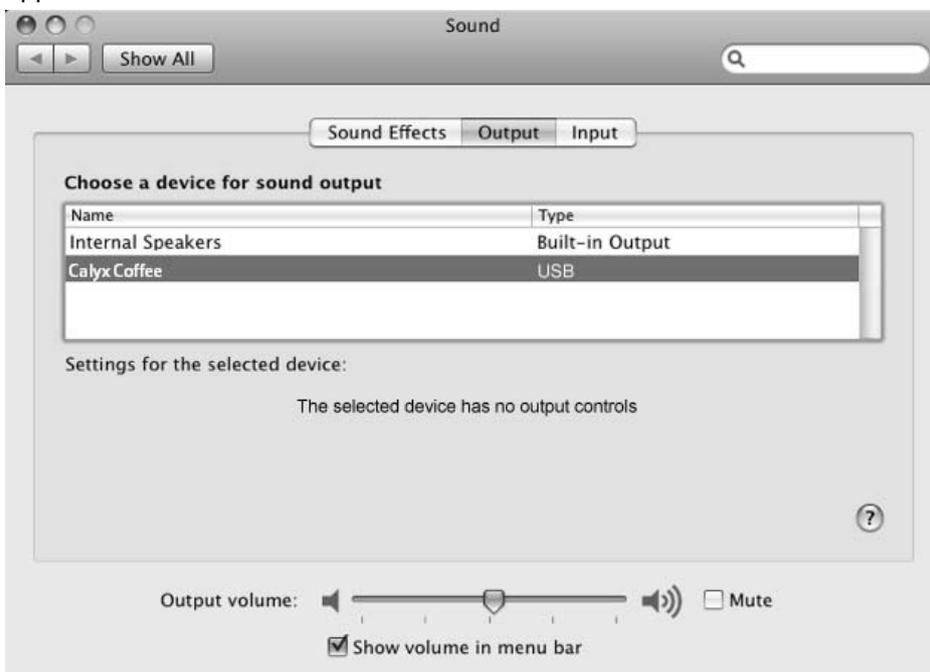
<Windows XP>



<Windows Vista & Windows 7>

Open Control Panel and check “Sounds and Audio Devices”(or “Sound”) to make sure that under “Sound” Playback in the Audio tab “Calyx Coffee”(or “SPDIF Interface”)

2. Apple OS X



Open “System Preferences” and click on “Sound” and choose “Calyx Coffee” and then close out the pop up window. Now you are ready to use play software on your Apple OS X.



Function

- Digital to Analog Converter
- USB Input & Two Analog Output
- High-Quality Audio Performance

Specifications

D/A Converter IC	ESS Technology ES9023 Premier Stereo DAC
Sample Rates	8K-96KHz
THD+N	0.006% @ 1KHz, 0dBFS
SNR	100 dB, A-weighted
Channel Separation	107 dB @ 1KHz
Outputs	Line-Out : RCA Jack, Headphone-Out : 3.5pi Stereo Headphone Jack
Output Level	1.8 Vrms(Line-out), 1.3 Vrms (Headphone-Out)
Digital Input Resolution and Sample Rate	USB : 24 bits / 8K, 16K, 32K, 44.1K, 48K, 96KHz
OS Requirement	Windows XP™, Windows Vista™, Windows 7™, Mac OS X™

Dimension

Net Dimension : 115.2mm X 58.6mm X 25mm (Width X Depth X Height)

Net Weight : 285g

※ Windows XP™, Windows Vista™, Windows 7™ is the trademark of Microsoft Corporation.

※ Mac OS X™ is the trademark of Apple computer, Inc.

