

REFERENCE DB1 USER MANUAL

32bit/384kHz DSD256 D/A Converter

INTRODUCTION

Congratulations on your purchase! To achieve its best potential, please read this manual carefully. If needed, our support team is there to assist for any doubt or question regarding our products at operaamp@vip.163.com

WHAT IT'S IN THE PACKAGE

- Ref DB1
- HDMI cable for I2S
- Power cable
- User Manual

SPECIFICATIONS

Supported audio sample rates, bit depths, number of channels :

PCM, 44.1kHz-384kHz, 16-32bit, Stereo

DSD, 2.8MHz-22.4MHz, 1bit, Stereo

Digital inputs: AES (DoP), Coaxial (DoP), Optical (DoP), I2S

Analog outputs: RCA (1.9V RMS) Gold plated RCA/phono unbalanced, XLR (3.9V RMS)

Gold plated XLR balanced.

SNR: >115dB (RCA, XLR)

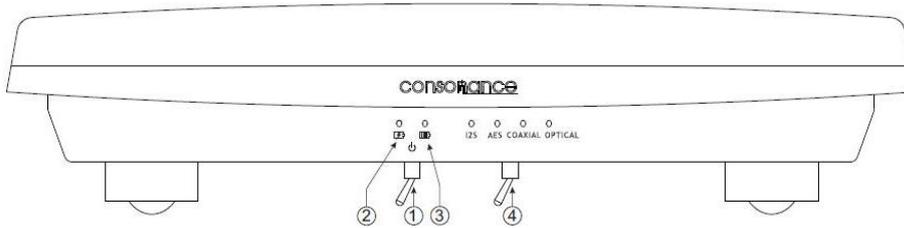
Distortion: Less than 0.007% (RCA, XLR)

Dimensions: 352 x290 x80mm (WxDxH)

Weight: 6.2kg

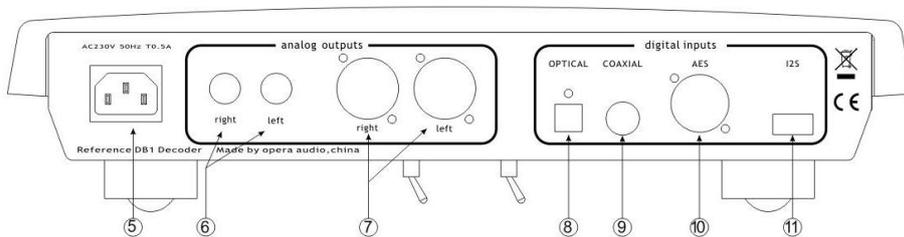
* Specifications subject to change without notice.

FRONT OVERVIEW



- ① **Power Switch** : The switch is on the left and the red LED is on, which is turn off and charging. The switch is on the right side, the green LED is on, and it is working on the battery supply.
- ② **Charging status indication**: The red LED is on, indicating that it is in the charging state, and the off is indicating that the charging is over.
- ③ **Battery supply indication**: The green LED lights up to indicate that the RDB1 is working on battery supply.
- ④ **Digital inputs select switch**: Toggle this switch to sequentially select four digital inputs: I2S, AES, COAXIAL, and OPTICAL.

REAR I/O OVERVIEW



- ⑤ **Power Socket**
- ⑥ **Unbalanced Analog outputs**
- ⑦ **Balanced Analog outputs**
- ⑧ **OPTICAL Digital Input**
- ⑨ **Coaxial S/PDIF Digital Input**
- ⑩ **AES Digital Input**
- ⑪ **I2S Digital Input**

WARRANTY

Opera audio guarantees each product manufactured by us to be free from defects in materials and workmanship under normal use. Our obligation under this warranty is limited to making good at our factory any part or parts thereof which shall, within 1 year after delivery to the original purchaser, be returned to us with transportation charges prepaid, and which an examination shall disclose to have been thus defective; this warranty being expressly in lieu of all other warranties expressed or implied and of all other obligations or liabilities on our part. This warranty shall not apply to any Opera audio product which shall have been repaired or altered outside of our factory in any way so as to affect its stability, nor which has been subject to misuse, negligence or accident. Warranties of the vacuum tubes are by the respective manufacturers, usually 90 days.

Please mail or e-mail the Registration Card to the address as follows:

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Chaoyang District, Beijing, China

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<http://www.opera-consonance.com>



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