



MONOCEROS 120DB Fully Balanced Class A Power Amplifier User Manual

[Home](#) » [MONOCEROS](#) » MONOCEROS 120DB Fully Balanced Class A Power Amplifier User Manual 

Contents

- [1 MONOCEROS 120DB Fully Balanced Class A Power Amplifier](#)
- [2 Introduction](#)
- [3 Product Description](#)
- [4 Front and back panel introduction](#)
- [5 Input and Output](#)
- [6 Parameter Description](#)
- [7 Warranty](#)
- [8 Documents / Resources](#)
- [9 Related Posts](#)



MONOCEROS 120DB Fully Balanced Class A Power Amplifier



Introduction

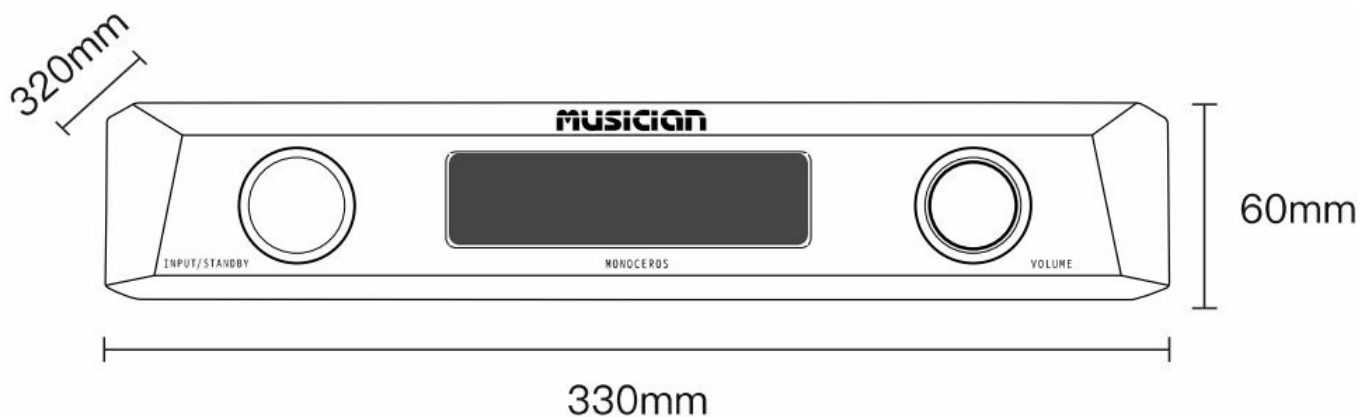
Thank you for choosing MUSICIAN products!

Guangzhou LEZHIJIA Technology Co., Ltd.(MUSICIAN Audio) was formally established in 2020. The R & D team is formed by a group of enthusiasts with more than 20 years of audio research and development experience. It is committed to the following product: R2R discrete balanced decoders, balanced headphone amplifiers, balanced amplifiers, balanced pre-amplifiers, headphones, passive speakers, and other audio products.

*Tips

- Do not cover newspapers, tablecloths, curtains, etc. on the machine, as this may prevent heat dissipation. If the temperature inside the machine is too high, it may cause a fire, damage the machine, or cause personal injury. When using switches, knobs or cables, do not use excessive force.
- Only use the voltage specified by this machine. Using a voltage higher than the specified value is dangerous and may cause fire, damage to the unit, or personal injury.
- Do not attempt to modify or repair this unit by yourself. If you need any service, please contact the MUSICIAN after-sales team through the official website.
- If you plan not to use the machine for a long time, disconnect the power cord from the AC wall outlet. To strengthen the protection of this product, unplug the power cord from the wall outlet during lightning, or when no one is managing it, and when not using it for a long time. This will prevent the product from being damaged during lightning and power grid surges.

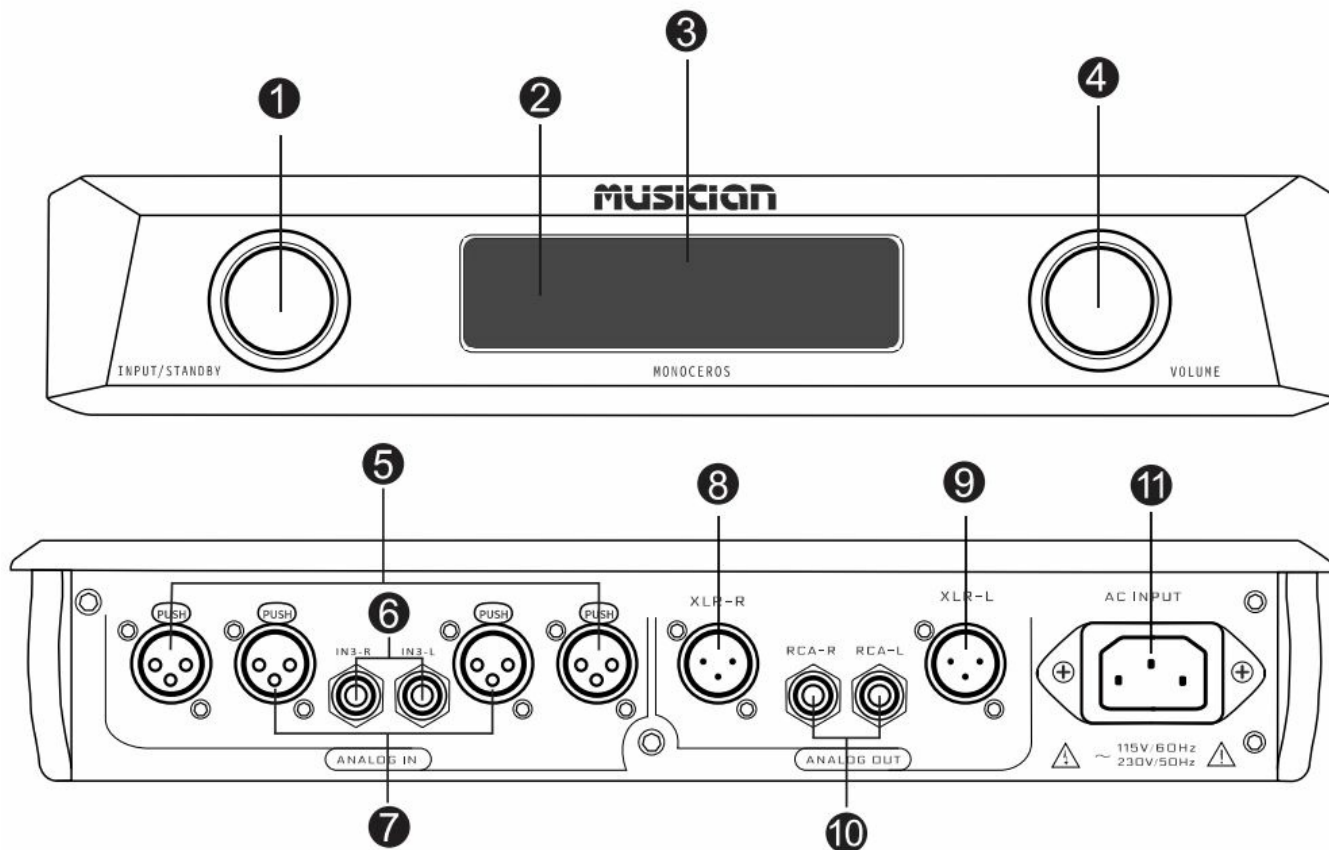
Product Description



Technical Highlights Fully balanced class A power amplifier

- Monoceros is a Completely discrete, Class A fully balanced Pre-amplifier. It uses a 60-step attenuator based on microprocessor-based advanced relay control. Precision matched resistance produces outstanding channel balance. Distortion is as low as 0.0003% (THD+N)
- Pure Class A, truly balanced, completely discrete line level, The volume control scheme of this machine adopts a relay-controlled pure R2R resistor network structure. This structure has a constant output impedance and no sound quality is compromised under any volume.
- The power supply design adopts a 60W single crystal copper transformer, and adopts self-developed discrete high-speed stabilized power supply with high rejection ratio and low noise.
- Class A parallel power supply can well improve the low-frequency volume, and the sound is delicate, the sound of the whole frequency band is relatively balanced, making the front stage sound field performance very wide.
- The body material is made of metal aluminum and processed by CNC with high precision. The optimized aviation aluminum alloy first goes through the combination of CNC and die-casting process and sandblasting process .

Front and back panel introduction

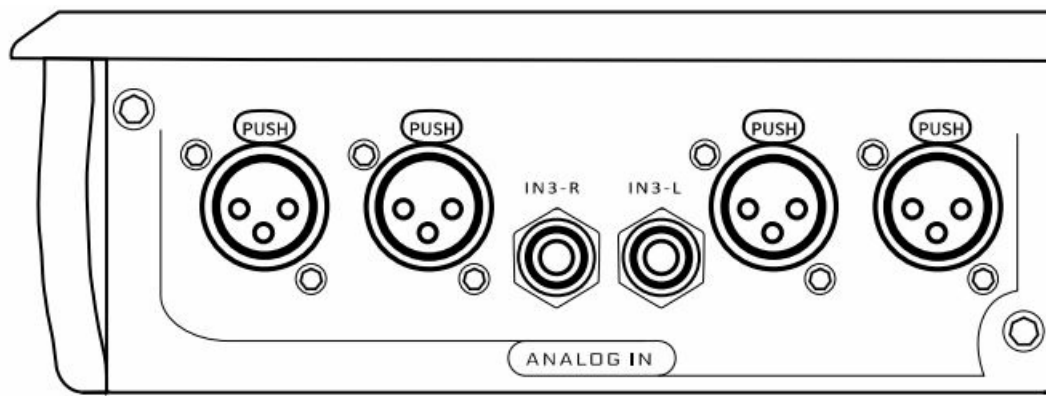


1. Input/standby
2. Display screen
3. Remote control receiver
4. Volume knob
5. IN1 XLR Analog input
6. IN3 RCA Analog input
7. IN2 XLR Analog input
8. Right XLR output
9. Left XLR output
10. RCA output
11. Power input

Input and Output

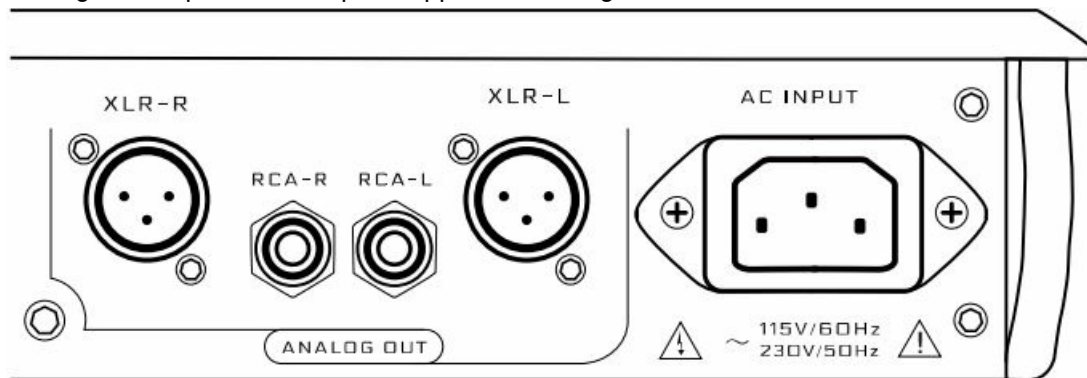
Multiple audio source input interfaces

The total input of Monoceros is up to XLR*2, RCA*1, and multiple audio sources can be processed together, making it easier to connect and select audio sources.

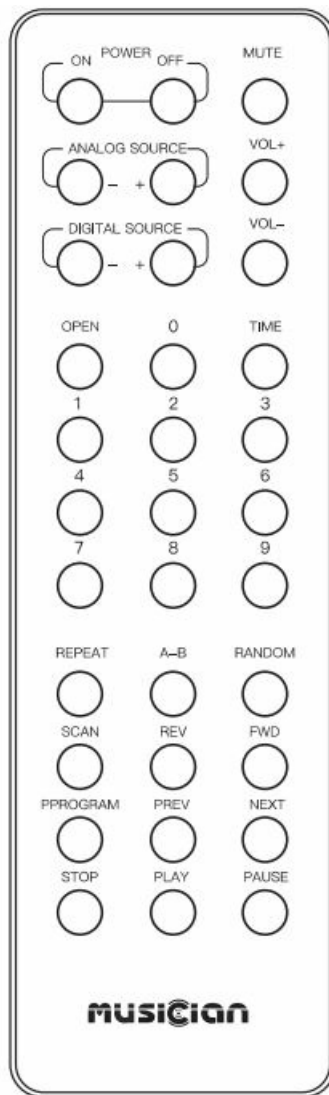


XLR/RCA optional output

Monoceros has two sets of output XLR and RCA. After processing the signal, you can choose to output to two different post-stages to expand the scope of application to a greater extent.



Remote Control



- All aluminum CNC refined wire drawing
- The remote control unit is machined from a single block of aluminium, anodized in black color. It controls the preamp volume, source selection as well as dimming the display. Use the original imported ALPS button and VISHAY infrared emission tube, the operation is sensitive, the drawing Craft is processed, and the grip is comfortable.

Parameter Description

Fully balanced class A power amplifier

- **Model** Musician Monoceros
- **AC power** 110/240VAC, 50Hz/60Hz
- **Power consumption** 1W (standby); 20W (working)
- **Frequency response** 10HZ-100KHz(-1dB)
- **Distortion** 0.0003%(THD+N)
- **SNR** 120dB
- **Dynamic Range** >120dB
- **Stereo crosstaik** -110dB
- **Input resistance** 20KO
- **Output impedance** 200 0

- **Input port** XLR*2, RCA*1
- **Output port** XLR*1, RCA*1

Warranty

We take pride in the quality of our products with strict quality control checks. To give you more confidence, all of our products are provided with a three-years warranty. Within the first 30 days from the date of purchase, most items can be returned for refund or exchange if meet the following conditions. Wish you enjoy a wonderful shopping experience!

RETURNABLE ITEMS

Items that can be returned/refunded or exchanged within 30 days of receipt must comply with the following standards

1. Any returned items must be accompanied by all accessories, hardware, manuals or instructions, and in the same “new” state as when shipped to you.
2. Any returned items will be evaluated after receipt. Of course, we will not refund any defective products caused by improper handling, improper use, tampering or improper use.
3. If there is no complete original packaging (original packing box, foam filling, etc.) at the time of return, 25% replenishment fee will be charged.

Tips: The items should be transported back safely. Before we received, You will take full responsibility. If you choose to replace, we will ship your replacement items free of charge.

RETURN FEE AND ADDRESS


We aim to provide services that benefit all our loyal customers. Global customers can return products to our Chinese warehouse. Please always contact us before returning items to relevant addresses.

1. All transportation costs are borne by the customer. This includes shipping costs for returns or exchanges. Shipping costs are non-refundable.
2. Please contact your local post office to confirm the actual return shipping fee before shipping back. We recommend that you use the cheapest postal service if available.

Email: info@musician-audio.com

Official website: <http://www.musician-audio.com>

Documents / Resources

	<p>MONOCEROS 120DB Fully Balanced Class A Power Amplifier [pdf] User Manual 120DB Fully Balanced Class A Power Amplifier, 120DB, Fully Balanced Class A Power Amplifier, Balanced Class A Power Amplifier, class A Power Amplifier, A Power Amplifier, Power Amplifier, Amplifier</p>
-------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

