



CIRCLE LABS

Integrated amplifier



USER MANUAL

www.circlelabs.eu



CAUTION! RISK OF ELECTRIC SHOCK
DO NOT OPEN
NO USER SERVICEABLE PARTS INSIDE
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL



UWAGA! RYZYKO PORAŻENIA PRADEM ELEKTRYCZNYM
NIE OTWIERAĆ OBUDOWY
BRAK CZĘŚCI PODLEGAJĄCYCH NAPRAWIE PRZEZ UŻYTKOWNIKA
W CELU NAPRAWY SKIEROWAĆ SIĘ DO WYKWALIFIKOWANEGO SERWISU



ATTENTION! RISQUE DE CHOC ÉLECTRIQUE
NE PAS OUVRIR
AUCUNE PIÈCE INTERNE N'EST RÉPARABLE PAR L'UTILISATEUR
POUR LA MAINTENANCE, ADRESSEZ-VOUS À DU PERSONNEL QUALIFIÉ



ACHTUNG! GEFAHR EINES STROMSCHLAGS
ÖFFNEN SIE NICHT DAS GEHÄUSE
ES BEFINDEN SICH KEINE VOM ANWENDER ZU WARTENDEN TEILE IM GERÄT
LASSEN SIE DAS GERÄT NUR VON QUALIFIZIERTEM FACHPERSONAL REPARIEREN



This product complies with the European Directives request
and the other Commission Regulations.
Ten produkt jest zgodny z dyrektywami i regulacjami Unii Europejskiej.

Ce produit est conforme aux directives européennes
et aux autres réglementations de la Commission européenne.

Dieses Produkt entspricht den geltenden EU-Richtlinien
sowie den nationalen Gesetzen zur Umsetzung dieser Richtlinien.

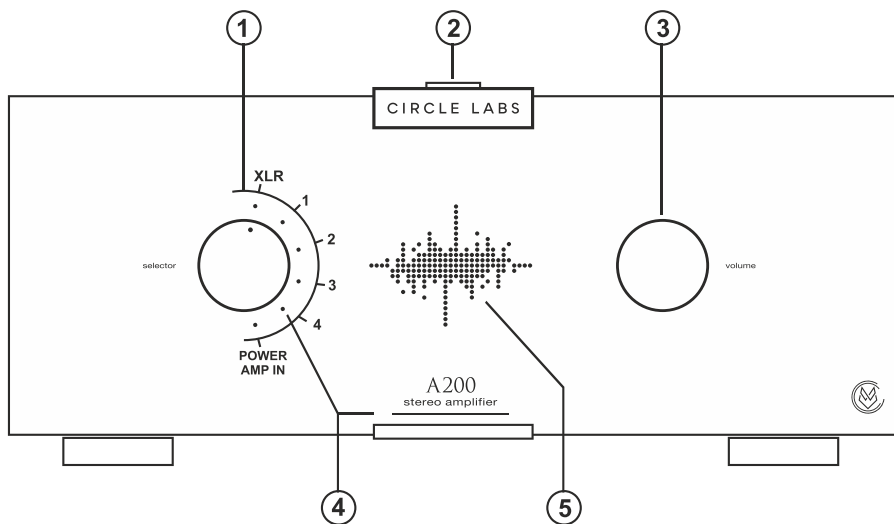


Use of WEEE symbol (crossed out waste bin symbol) means,
that this product must not be treated as household waste.
Użycie symbolu WEEE (przekreślony symbol pojemnika na śmieci) oznacza,
że niniejszy produkt nie może być traktowany jako odpad domowy.

Le symbole de poubelle sur roues barrée d'une croix indique
que les équipements électriques et électroniques
doivent être collectés et traités séparément des déchets ménagers.

Produkte, die mit der durchgestrichenen Mülltonne gekennzeichnet sind,
dürfen nicht mit dem Hausmüll entsorgt werden.

Fig. 1



1. Input selector
2. Standby switch
3. Volume regulator
4. Operation lights
5. Volume display
6. Remote - volume up button
7. Remote - volume down button
8. Remote - mute
9. Remote - volume display light intensity controller

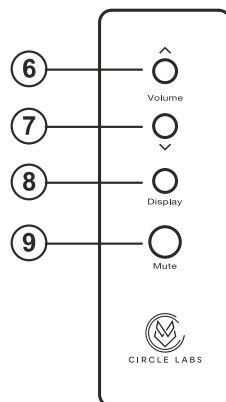
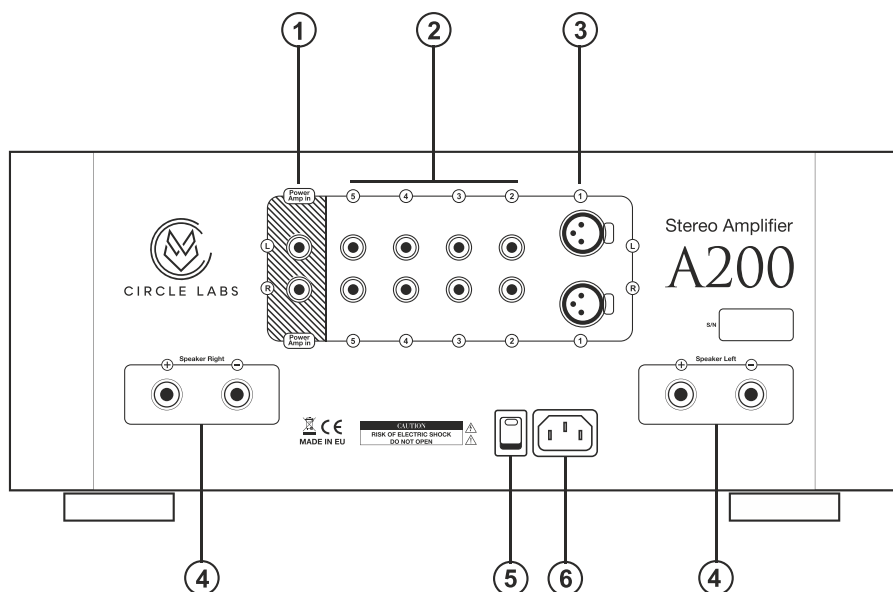


Fig. 2



1. Input "RCA Power In" (0,7 V sensitivity).

WARNING!

**Input directly to the power amplifier skipping the volume regulator.
Connect only to a source of signal with a volume level.**

2. Linear RCA input (input impedance 33 kΩ)

3. Linear XLR input (input impedance 33 kΩ)

4. Speaker terminals

WARNING!

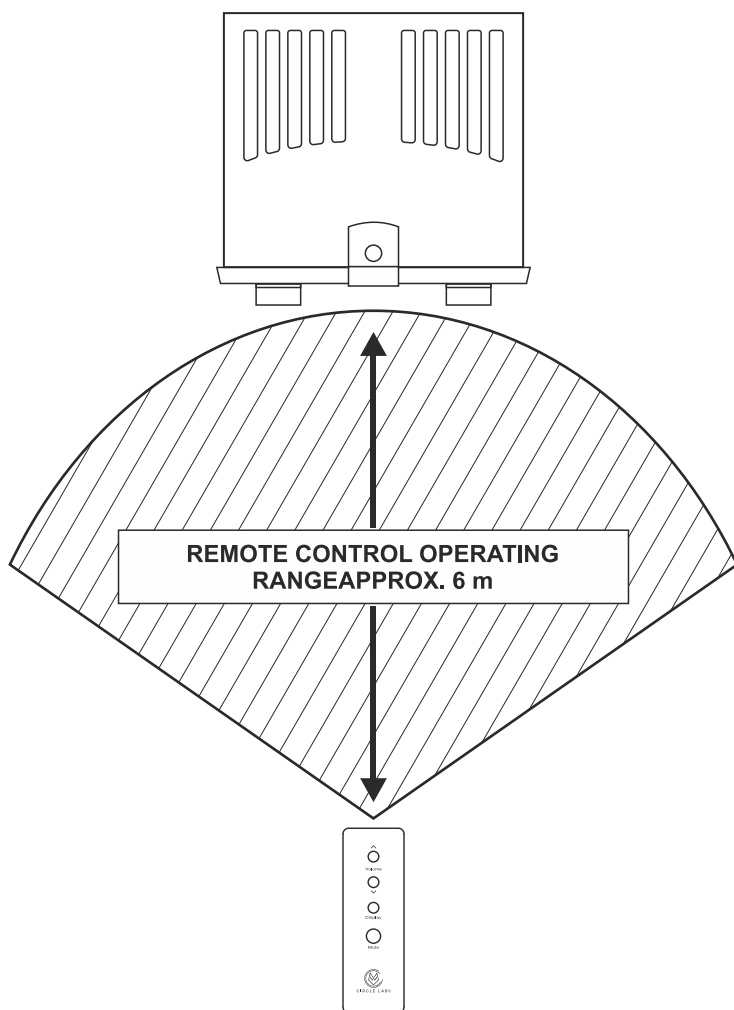
Connecting another product's ground lead to speaker terminals (-) might damage the product.

Before connecting cables to speaker terminals or receivers other than passive speaker units (e.g. subwoofer input or active bass section) contact the distributor or the manufacturer.

5. Main current switch

6. 230 V / 50 Hz (110 V / 60 Hz) power grid socket

Remote Control Operation



If the receiver fails to read the code correctly, or if the signal level is too low to allow proper decoding (for example, due to an excessive angle between the transmitter and receiver or too great a distance), the protection system will automatically switch off the amplifier to protect the device.

To restore normal operation, switch off the amplifier using the main power switch (Fig. 2, item 5), wait approximately 10 seconds, and then switch it on again.

Introduction

Thank you for choosing a Circle Labs amplifier. We hope that it fulfills all of your expectations.

We strongly encourage reading the manual thoroughly to achieve full satisfaction with the bought product.

Unpacking and turning the device on

Please make sure the package was not damaged during transportation. If so, report the damages to the store.

The package contains:

- Circle Labs A200 amplifier
- remote control
- amplifier cover
- remote control cover

Place the amplifier on a stable platform located away from sources of heat, intense sunlight, or moisture.

The amplifier requires unobstructed ventilation. Do not cover or insert any items into the ventilation elements.

Do not place any items or devices atop the amplifier.

If the amplifier was kept in a place experiencing low temperatures, after unpacking, wait until it is at room temperature and make sure the device is completely dry before turning it on.

After the device has reached room temperature, when the device is off, connect speaker cables to corresponding terminals (num.4 fig.2)

WARNING! Make sure to have the speakers connected before turning on the device. Do not unplug the speakers during operation.

Connect inputs to RCA and XLR inputs (num.2,3 fig.2), the left channel to input L and the right channel to input R respectively. Connect the amplifier using the power grid cable to a power amplifier (num.6 fig.2) and to an electrical socket (230V 50Hz). Activate the main switch on the back panel (num.5 fig.2).

Use the POWER button to activate the device (num.2 fig.1).

After activating the device it will go into a 30 second long introductory heating mode indicated by the blinking of lights on the front panel. After each activation the volume will automatically be set to 00.

Using the input selector knob (INPUT num.1 fig.1) select the input which was connected to the device (e.g. a CD player, a gramophone, a streamer, etc.). Using the volume knob or a remote select the desired volume.

WARNING! During use, do not connect any signal cables. Switching cables can only be done when the device is turned off.

”

The new device and vacuum tube sets require burn-in. This process happens when playing music. Minimal burn-in time is 200 hours.

During use, the radiators heat up. This is the standard working state of the device.

”

Safety and maintenance

Do not open the housing! The device uses high currents which are dangerous for health and safety and potentially fatal!

For any repair please contact an authorized service provider.

Do not pour liquids onto the housing of the amplifier!

For cleaning use solely a soft and dry cleaning cloth. Do not use alcohol or any other surfactants.

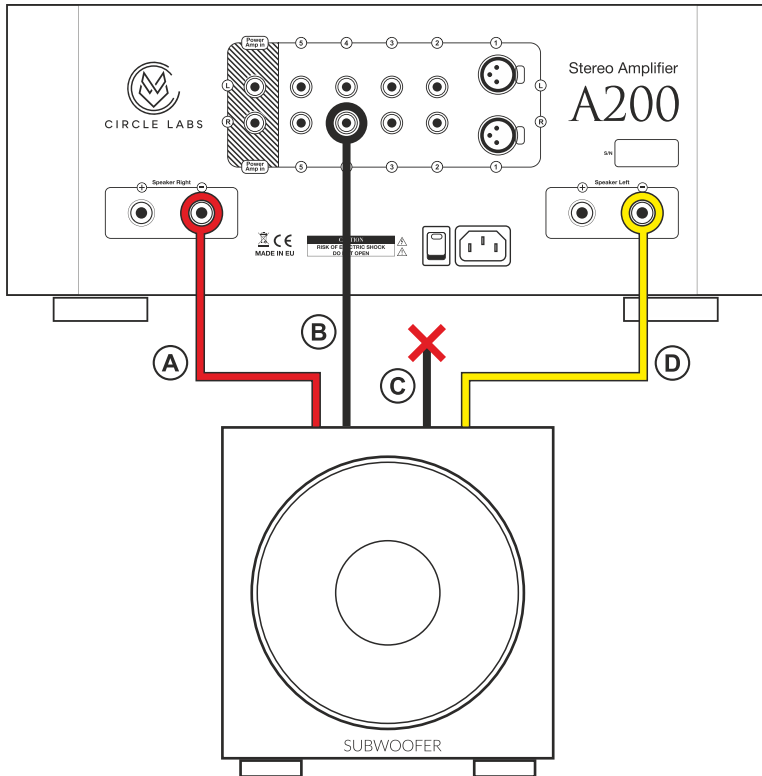
Clean only when the device is disconnected from the power grid.

Change used vacuum tube only for vacuum tube of the same type (ecc8100) selected into pairs with specified parameters. During lamp changing it is recommended to also change CR2032 type batteries located next to them.

Never change vacuum tube when the device is being used.

In the event of the device not being used for prolonged periods of time, disconnect it using the main switch (num.6 fig.2) or preferably completely disconnect it from the electric power grid.

Connecting a subwoofer



1. Connect the subwoofer to the RCA jack of the A200 amplifier (B) .
2. Set Phase -180 degrees on the subwoofer.
3. Connect the red cable (A) to the (-) terminal of the right speaker.
4. Connect the yellow cable (D) to the (-) terminal of the left speaker.
5. Insulate the black cable (C) , **do not connect !!!**

Technical Data

Output power (RMS): 120 W /8 Ω , 200 W /4 Ω

Frequency response: 10 Hz-130 kHz (- 3dB)

Input sensitivity: 0,9 V (pefna moc)

Amplification: 34 dB

Input impedance: 33 k Ω

Power consumption

Stand by: < 0,1 W

On Const: 70 W

ON max: 500 W

Dimensions (W x D x H): 430 x 360 x 180 mm

Net weight: 20 kg

Warranty

Warranty conditions

- a. Guarantor provides the abovementioned device which works and is of good quality if used for its purpose and under conditions specified by the manufacturer.
 - b. The warranty concerns malfunctions and errors in the materials, construction or manufacturing of the device.
 - c. Guarantor provides the user with a warranty for 2 years for the abovementioned device.
 - d. Malfunctions considered to be warranty will be removed free of charge by an authorized service within 14 days, beginning with the delivery of the device for repairs. This might be subject for prolongation in substantiated cases.
 - e. Repairs of the abovementioned device take place in the headquarters of the guarantor or in places designated for such purpose.
 - f. Choice in the way to repair the device belongs to the guarantor.
 - g. Consumables are provided with a 6 month warranty.
 - h. Cost of reporting the malfunction and shipping of the device, insurance and freight are covered by the person submitting the complaint.
 - i. The guarantor does not take responsibility for damages, e.g. harm done to people, destruction of another's property or loss of revenue, etc.
1. The warranty is lost if these are recorded:
 - the malfunction or damage is caused by the user acting in defiance of exposure conditions detailed by the manufacturer.
 - a mechanical malfunction occurs.
 - the user attempts repairs on their own or in unauthorized services.

2. The guarantor's liability under the warranty for hidden defects of the goods

is excluded in accordance with Article 556 Act 1 of the Civil Code.

3. In cases not covered by this charter, the Civil Code provisions are to be applied.



CIRCLE LABS

CIRCLE LABS
Os. Złotej Jesieni 9/93
31-826 Kraków, POLAND

www.circlelabs.eu



Made in Poland