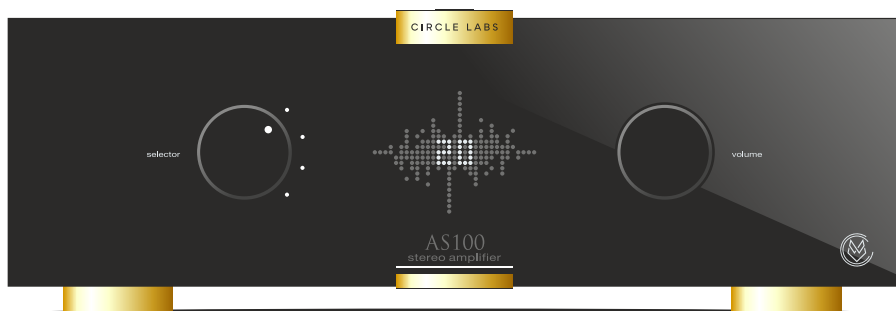




CIRCLE LABS

Integrated Amplifier AS100



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 A 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.

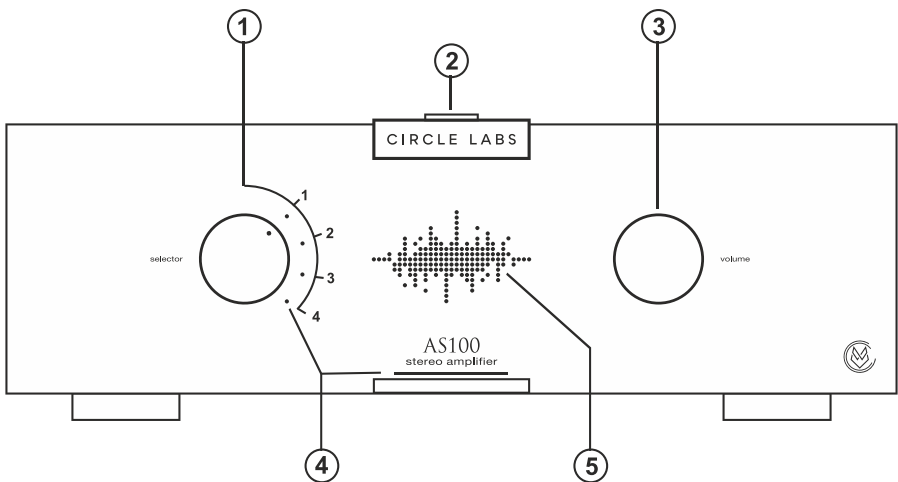


Use of WEEE symbol (crossed out waste bin symbol) means,
that this product must not be treated as household waste.
Użycie symbolu WEEE (przekreślony symbol pojemnika na śmieci) oznacza,
że niniejszy produkt nie może być traktowany jako odpad domowy.

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. Indicator diodes
- 5. Volume display
- 6. Remote - volume up
- 7. Remote - volume down
- 8. Remote - volume display light intensity controller
- 9. Remote - mute

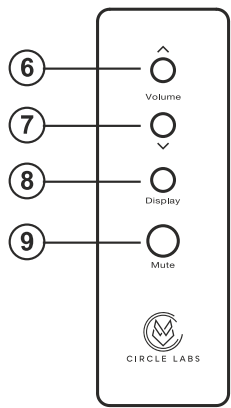
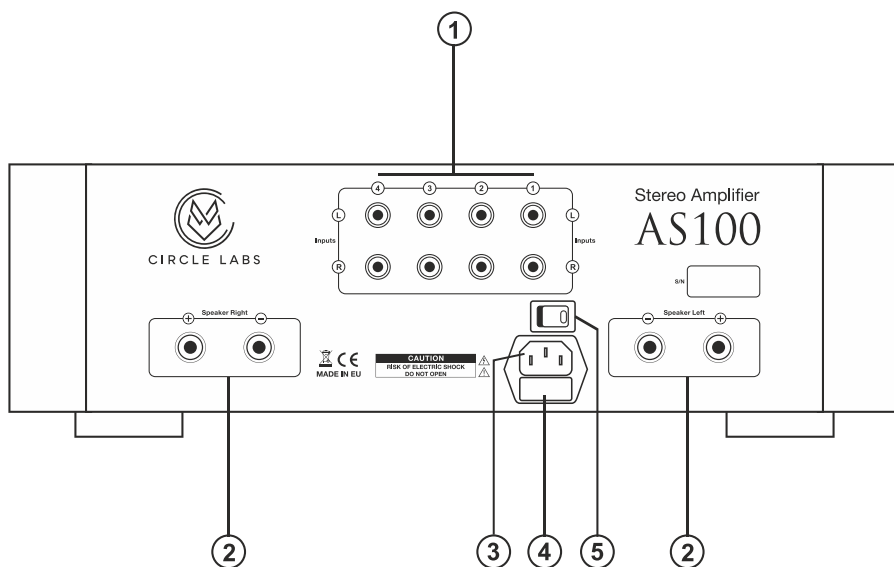


fig. 2



1. Linear RCA input (input impedance 33 kΩ)

2. Speaker terminals

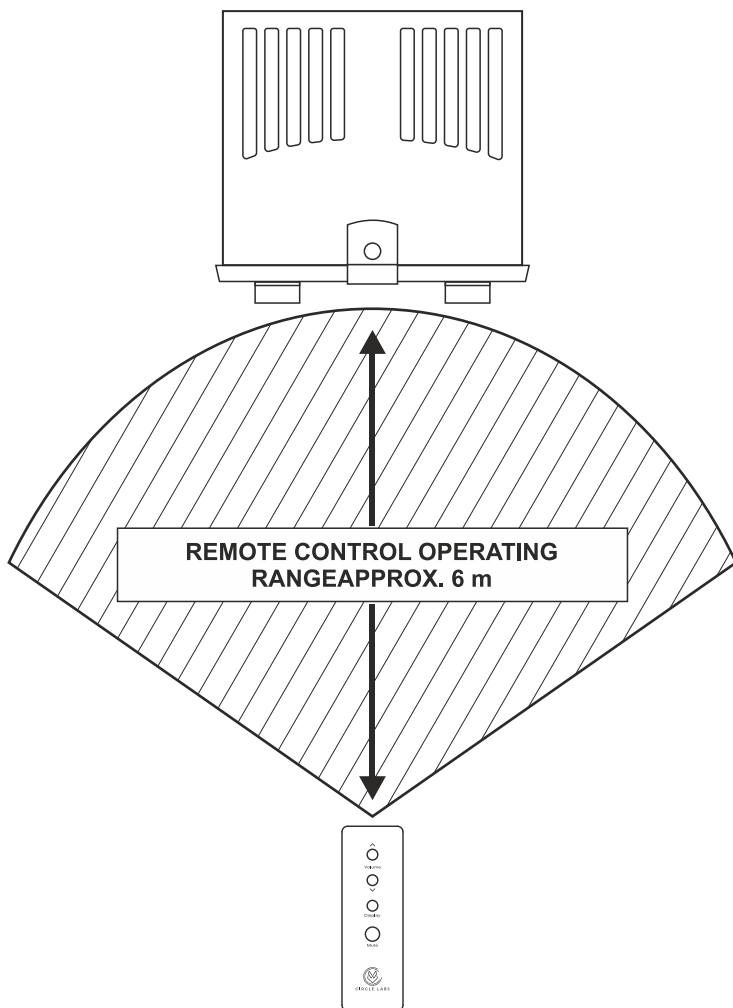
WARNING!
A short circuit at the speaker terminals can cause damage to the device.

3. 230 V / 50 Hz power grid socket

4. Main power fuse

5. Main power switch

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 and that it provides you with many wonderful moments while listening to music.

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, immediately report the damages to the store.

The package contains:

- Circle Labs AS100 amplifier
- remote control
- amplifier 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 (num. 2 fig. 2), the right channel to Input R, the left channel to Input L. Connect the amplifier using the power grid cable to the power grid socket (num. 3 fig. 2) and to an electrical socket (230 V / 50 Hz). 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 INPUT (num. 1 fig. 1) select the input to which an

input device has been connected (e.g. a CD player, turntable, 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 requires 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 to health and safety and potentially fatal!

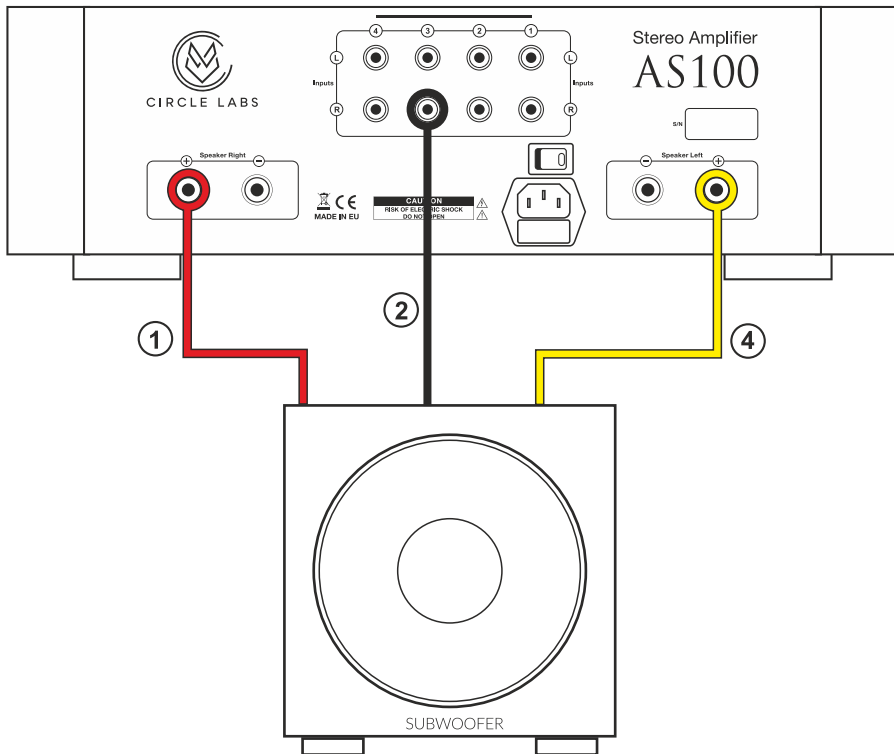
For any repairs please contact an authorized service provider.

Do not pour or spill liquids onto the amplifier housing!

For cleaning use solely a soft and dry cleaning cloth. Do not use alcohol or any other surfactants. Brass parts are covered in a layer of protective coating, we recommend cleaning without the use of any abrasives. Clean only when the device is disconnected from the power grid.

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 to the amplifier



1. Connect the subwoofer to an RCA socket on the AS100 amplifier (2) .
2. Connect the red cable (1) to the (+) terminal of the right speaker.
3. Connect the yellow cable (4) to the (+) terminal of the left speaker.

Technical Data

Output power (RMS): 65 W /8 Ω , 110 W /4 Ω

Frequency response: 3 Hz - 500 kHz (- 3dB)

Input sensitivity: 0,9 V (pełna moc)

Damping factor: DF>250 (8 Ω)

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 147 mm

Net weight: 15,5 kg

Fuses: T5A x1, T2A x 2, T400 mA x 1

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.
- 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. Cost of reporting the malfunction and shipping of the device, insurance and freight are covered by the person submitting the complaint.
- h. 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