csport

User's Manual

Stereo Preamplifier C3PR

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Thank you for purchasing our products.
We hope that this product will enhance your music and provide you with a richer musical life.

5-year quality warranty

All products will be repaired free of charge for five years if they fail under normal use in accordance with the user's manual. (excluding consumables).

The following parts are consumables and are not covered by warranty.
• Vacuum tube C3g
• Battery with built-in remote control

Product Contents

• Stereo Preamplifier C3PR
• AC cord
• Remote control
• microUSB cable for charging the remote control
• User's Manual

Please read this User's Manual carefully before using the product to ensure safe operation.

1. Safety Precautions

Warning

If the power cable is not handled properly, there is a danger of fire or electric shock.
• Do not use power cables other than attached.
• Do not touch the power plug with a wet hand.
• Do not place anything on the power cable.

Do not remove the top plate, bottom plate, and side cover.
• There is a risk of electric shock and serious injury because of the high voltage inside.

Stop using immediately in the following cases.
• If water or chemicals flow into the unit.
• If there are metal or flammable items inside.
• If it seems a malfunction or an abnormality.
• If there is odor or smoke.
Turn off the power, unplug the power cable, and contact your dealer or our Service Department.

Do not disassemble, repair, or modify the product in any way.
• If you need repair, please contact your dealer or our service department.

2. Precautions for use

Caution

Do not install the product in the following places
• Humid or dusty place
• Enclosed area
• Unstable place with vibration or inclination

When connecting the power cable, keep the following in mind.
• Plug the power cable securely into a robust electrical outlet.
• Make sure there are no unreasonable bends in the cable.

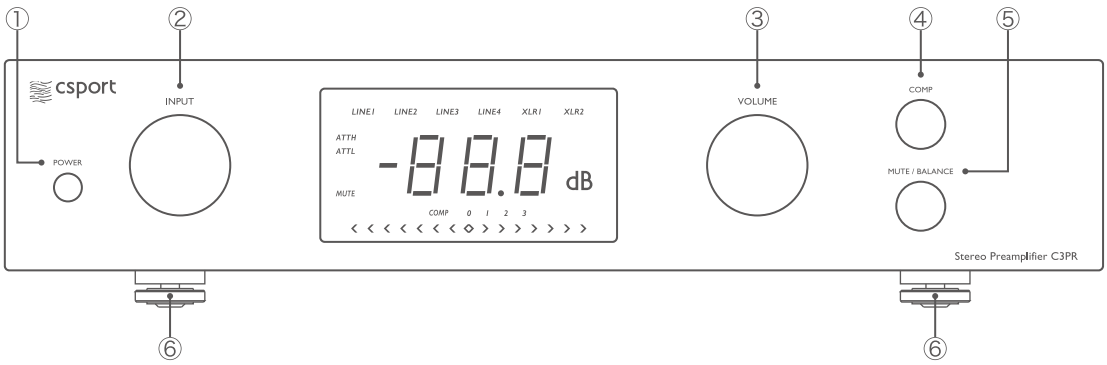
Connect the audio input/output cables securely without loosening them.

When connecting the audio input cable, do so with the power turned off or in the MUTE state.
• Connecting with the power turned on or with the volume at maximum may destroy the speakers.

For daily cleaning, wipe with water and then wipe with a dry cloth.
• Do not use solvents such as thinner.

3. Names of parts and their functions

Front



① Amplifier power button
Press the button to turn on the amplifier and turn on the display. Press the button again to stop the amplifier operation and turn off the display.

② Input selection knob
Turn the knob to switch the input.
[Input connection]
LINE1-4: Unbalanced input
XLR1-2: Balanced input

③ Attenuator volume knob
Turn the knob clockwise to increase the sound volume, and counterclockwise to decrease it.
[Variable range] 0 db to -60 db (minimum: MUTE)
-38dB or more: 0.5 dB steps
-38dB or less: 1 dB-5 dB step

Press the knob to switch between High and Low for the attenuator. Selecting Low will lower the setting by -10 dB from the current setting. (Up to -70 dB) Press again to return to High.

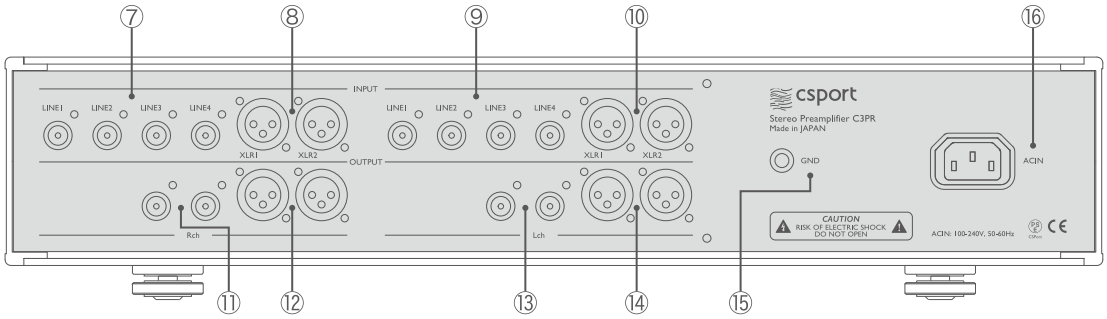
④ Bass Enhancement Knob
Turn the knob to increase the bass in 3 steps of 2.5 dB.

⑤ Balance selection and MUTE knob
Turn the knob to adjust the left/right balance in 7 steps of 0.5 dB.

Press the knob to switch between MUTE state and release.

⑥ Legs
Adjust the height of the unit with the four legs. Loosen the lock nut on the upper section, and turn the lower section to adjust.

Back



⑦ Audio input terminals [Rch]
• Unbalanced: LINE1-4

⑧ Audio input terminals [Rch]
• Balanced: XLR1-2

⑨ Audio input terminals [Lch]
• Unbalanced: LINE1-4

⑩ Audio input terminals [Lch]
• Balanced: XLR1-2

⑪ Audio output terminals [Rch]
• Unbalanced

⑫ Audio output terminals [Rch]
• Balanced

⑬ Audio output terminals [Lch]
• Unbalanced

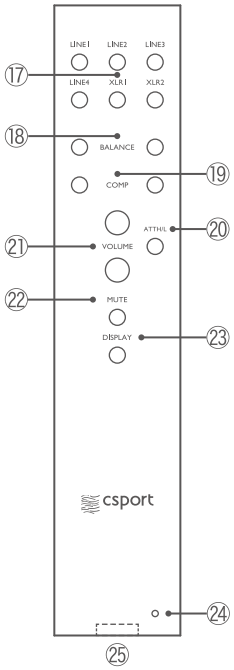
⑭ Audio output terminals [Lch]
• Balanced

⑮ Ground terminal
Used to connect to the ground of other equipment.

⑯ AC input terminal
Used to connect AC power source. Be sure to use the supplied AC cord.

The safety ground of this unit is connected with the ground terminal of the AC cord. Please use an outlet with a ground wire connected. Failure to ground the unit may result in electric shock.

Remote control



⑰ Input selection LINE1-4, XLR1-2

⑱ Balance selection left/right 7 steps

⑲ Bass Enhancement 1-3 steps

⑳ Attenuator High/Low switching

㉑ Attenuator volume

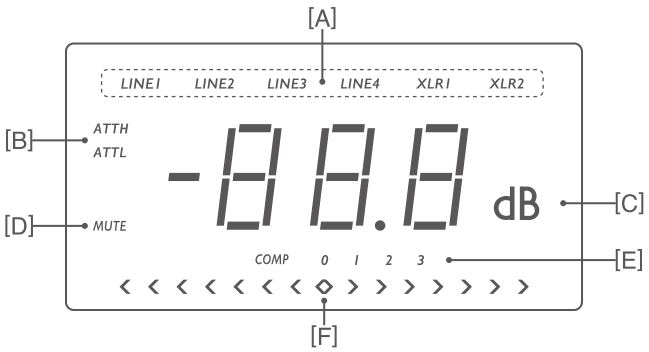
㉒ MUTE switching

㉓ Display Brightness 5 steps
The brightness of the display can be adjusted.
This function is only available on the remote control.

㉔ Charge lamp

㉕ microUSB port for charging

Display



[A] Input currently selected

[B] Attenuator High/Low
ATTH lights up when High, ATTL lights up when Low.

[C] Attenuator Gain
Displays the amount of attenuation from 0, with 0 dB as the maximum output. The minimum is displayed as ——.—, and the state is MUTE.

[D] MUTE

[E] Bass enhancement 0-3 steps selected

[F] Balance selected
When in neutral, < > lights up.

4. Installation and Connection

1. Adjust height

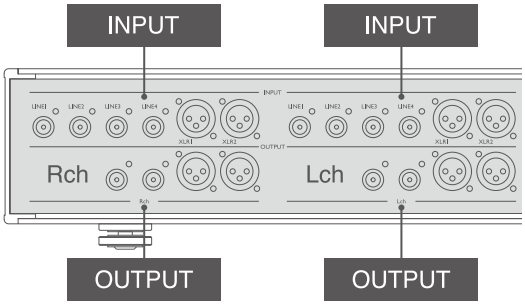
• Adjust the height with the four legs on the bottom. Loosen the lock nut of the upper section, and turn the lower section to adjust. After adjustment, tighten the lock nut to secure it.

2. Connect the audio input/output cable

• Connect the audio input/output cable to the terminals on the rear panel with the main power turned off.

• The input impedance of this unit is 7 kΩ.
Use a front-end equipment with an output impedance of 1.5 kΩ or less.

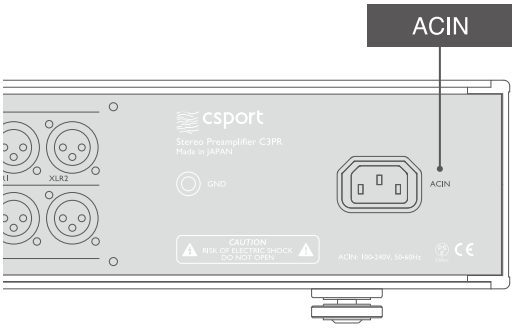
• The output impedance of this unit is 50 Ω.



When connecting the audio input cable, do so with the power turned off or in the MUTE state.Connecting with the power turned on or with the volume at maximum may destroy the speakers.

3. Connect the AC cord

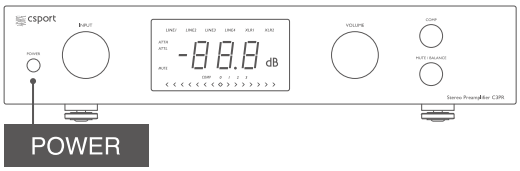
• Plug the AC cord into the AC input terminal and connect it to an outlet.



5. How to use

1. Turn on the power

• Press the power button to start using the amplifier. The display will light up. It will take several tens of seconds to operate because of the use of vacuum tubes.



2. Set with knobs and switches

• Use the knobs and switches to select the input, adjust the volume, etc., and start playback after the settings are made.

• The settings will be remembered when you turn off the power, and the next time you turn on the power, it will start from the previous settings.

3. Remote control operation

• The remote control can be used to control the settings. (Except for turning the power on and off.)

■ Charging the battery

The remote control is powered by NiMH batteries. Connect the charging cable to the microUSB port to charge the battery. (The adapter is not included.)

Recharge the battery at least once every six months, even when not in use.

■ Battery replacement

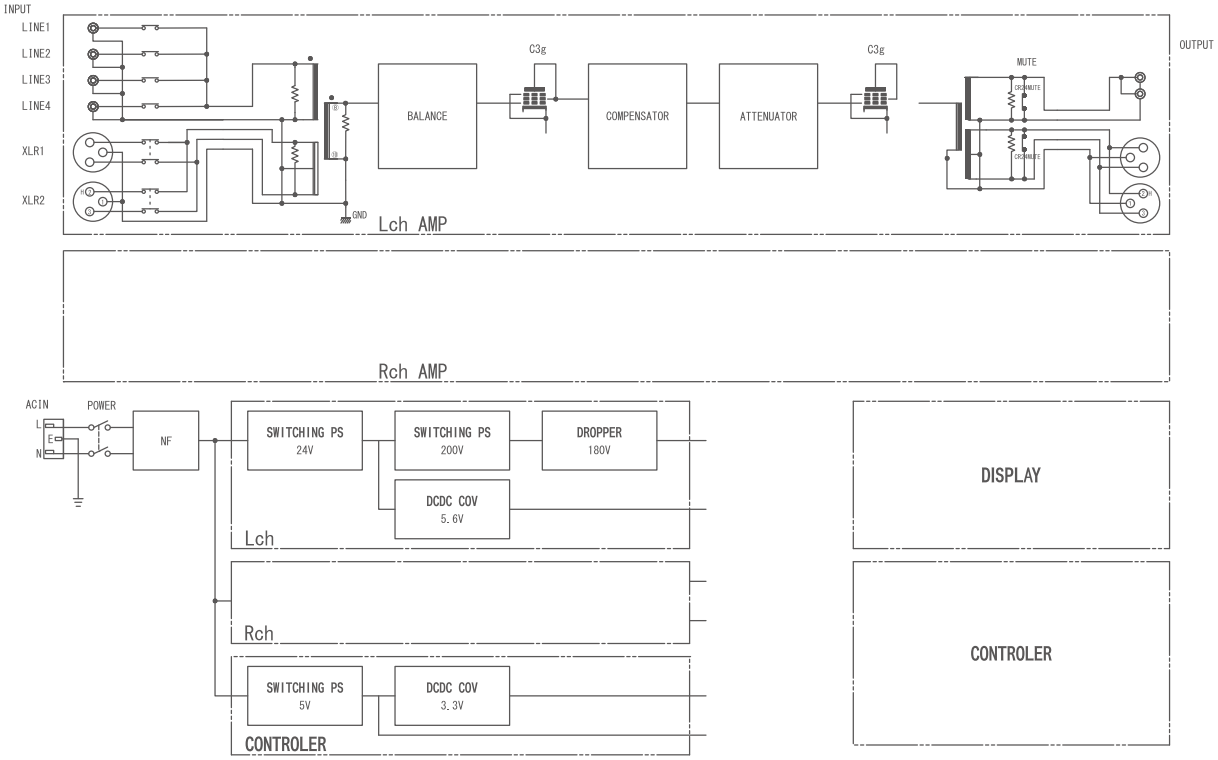
• If you wish to replace the battery, please contact your dealer or our service department. You can also replace the battery yourself, and we will send you a new battery and instructions.

Do not use any batteries other than those specified by us.

6. Product Specifications

Model	C3PR
Type	Vacuum tube stereo preamplifier
Frequency Response	20 Hz-20 kHz +0-1 dB
Max. Input Voltage	4 V/1 kHz
Max. Output Voltage	4 V/1 kHz
THD	0.05% 1 kHz 250 mV
Signal to Noise Ratio	80 dB/ATT 0 dB, 100 dB/ATT -20 dB
Gain	16 dB
Min. load Impedance	600 Ω
Input Terminal	Balanced x2, Unbalanced x4
Input Impedance	7 kΩ or more
Output Terminal	Balanced x2, Unbalanced x2
Output Impedance	50 Ω or less
Balance Adjustment	±3.5 dB
Compensator	+2 dB 3 Steps 100 Hz
Remote Control	Infrared transmitter
Power Supply	AC100/120/200/240 V, 50/60 Hz
Power Consumption	30 W
Dimensions	470W×90H×400D mm
Weight	14 kg
Finishing	Anodic oxide coating

7. Block Diagram



8. Troubleshooting

Check the following when you think it may be a malfunction. If the problem persists even after these measures are taken, or if the problem is not listed, contact your dealer or our service department.

C3PR not turning on

• Check that the power cable is plugged in.

Sound is not output properly.

• Check that the audio input/output cable is properly connected.
• Check that the input has been selected correctly.
• Check that the MUTE state is not set.

The remote control does not operate.

• Please charge the battery of the remote control using the supplied microUSB cable.

9. After-sales Service

5-year quality warranty

All products will be repaired free of charge for five years if they fail under normal use in accordance with the user's manual. (excluding consumables). Please note that even within the warranty period, repair may be charged depending on the circumstances of the failure.

After expiration of warranty period

If repair is possible, the product will be repaired for a fee upon request. Repair parts will be available for 8 years after the end of production. If the product has been in use for a considerable period of time, please contact our service department in advance.

Others

The following failures will be repaired for a fee. Please note that you will be responsible for the actual cost of parts, technical fees, shipping, and travel expenses.

• If the failure is caused by improper use or usage that does not follow the user's manual.
• If the failure is caused by a device other than our product you purchased.
• If the failure is damaged by fire, earthquake, flood, lightning, rodent damage, salt damage, other pollution, or abnormal voltage.
• The product has been repaired by someone other than us.

Please note that we are unable to repair any product that has been altered.
We do not warrant any incidental damage resulting from product failure.

Second User Registration

Customers who have acquired our products as used products can take over the remaining warranty period as a second user. If you have acquired a used product, please register from the "Support" section of our website.

Contact Us

If you have any questions about the product, please contact your dealer or our service department. When requesting repair, please inform us of the serial number attached to the back of the unit and the status of the failure.
Please keep the packing materials as they will be needed for transportation of the repair.

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