



INSTRUCTIONS FOR USE Pro-Ject Amp Box S3 CI

Dear music lover,

thank you for purchasing a Pro-Ject Audio Systems custom integration amplifier.

In order to achieve maximum performance and reliability you should study these instructions for use carefully.



Warning of a hazard for the user, the unit or possible misuse.



Important notice.

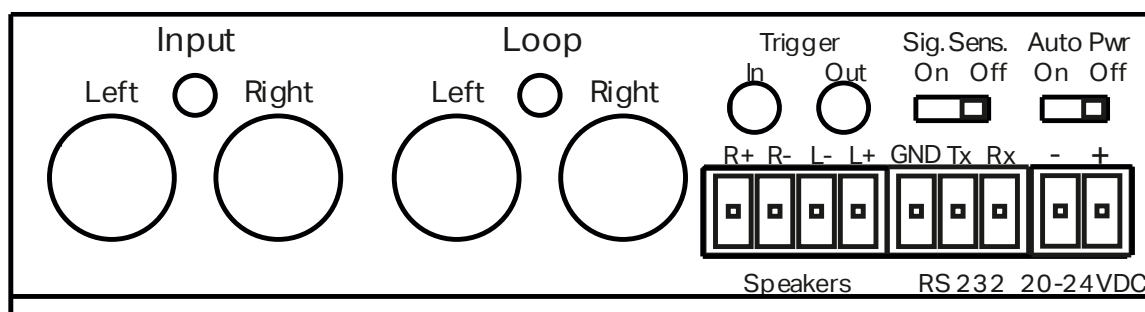
Safety instructions



AC outlet voltages vary from country to country. Before connecting to the mains, make sure that the voltage in your area meets the voltage requirements printed on the power supply. The power cord is used to disconnect the unit from the mains. Make sure that the power cord is easily accessible at all times. Never handle the device, the power cord/power supply while your hands are wet or damp.

Avoid letting liquids enter the device or the power supply. Never place any item containing liquid, such as a flower vase on or near the device. Never spill any liquid on the device or the power supply. Never place any naked flame sources, such as lighted candles on or near the device. The product shall not be used in damp or wet locations, next to a bathtub, sink, swimming pool or any other similar conditions.

Connectors



Make all connections whilst the amplifier is disconnected from the mains. Take care to connect the left and right channels correctly. The right channel is usually marked red, the left channel black or white.

Make sure the polarity of the connection is correct at each end of the cables.

Only connect one loudspeaker with an impedance not less than 4 ohms per channel.

Never use any other power supply than the one supplied with the unit.

Connection to the preamplifier

The Input sockets marked **Left** / **Right** are for connecting the cables from your pre-amp or AV processor. Signal can be relayed further via RCA output marked **Loop**.

Connection to the speakers

The output terminals accept phoenix connectors. A 4-pin phoenix connector for the speaker outputs is included in the packaging.



Take care to mount L+/- and R+/- speaker cables wires correctly. + and - is usually clearly marked on speaker cables.

Mains power connection

Connect the low voltage plug from the power supply to the **Power DC 20-24V** phoenix connectors of the amplifier before connecting the power supply to the mains. A 2-pin phoenix connector for the power supply is included in the packaging. Mount the **red** PSU cable in the "+" and the **black** in the "-" connectors.

Trigger

The amplifier can be switched on & off via the 12V DC 2,5mm socket marked **Trigger In**. Cables are available as accessories. The remote power-on signal can be relayed to further units via the **Trigger Out** socket.



Pay attention to the correct polarity of the cable. - -  +



RS232 on/off or front panel button on/off can override trigger commands.



Only connect the remote power cable when the pre- and power amplifier are disconnected from the mains. Failure to observe can result in damage to the circuit.

Signal Sensing

Use the **Sig.Sens.** dip switch to turn signal sensing on and off. When turned on, the Amp Box S3 CI turns off automatically when no input signal is detected for 3 seconds (less than 4,4mV over 3 seconds), and automatically powers on as soon as an input signal is detected (threshold of 4,2mV).



When Signal Sensing is **ON**, then turning the unit on or off with the front panel button, RS232 or trigger will not work.

Auto Power

Set the **Auto Pwr** dip switch to **On** to enable the Amp Box S3 CI to be turned on as soon as it receives power from the connected power supply. The power button on the front panel does not need to be pressed anymore to turn the Amp Box S3 CI on.



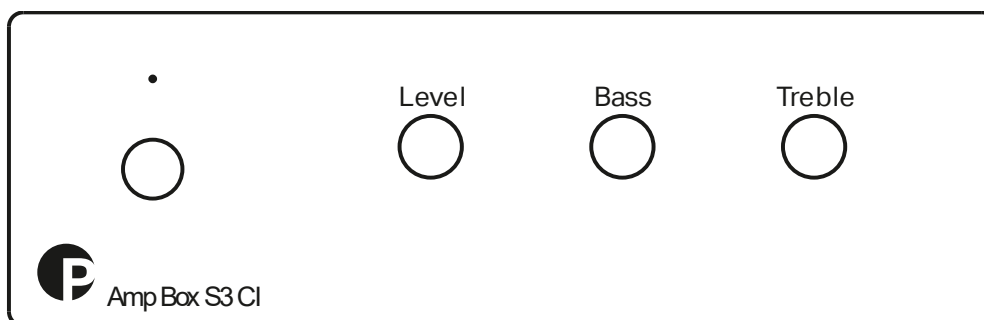
When Auto Power is **ON**, then turning the unit on or off with the front panel button, RS232 or trigger will not work. Auto Power also overrides signal sensing, the device will always stay on.

RS232

RS232 is a widely used control protocol used in custom integration to remotely control and integrate devices into a larger system. Home theatre, public address systems, lobby background music, hotels,

The RS232 documentation can be downloaded on the product website:
<https://www.project-audio.com/en/product/amp-box-s3-ci/#downloads>

Front panel controls



To switch on from standby or to standby

The push button on the left side of the front panel turns the unit on or back into standby. The blue LED above the stand-by push button shows that the unit is switched on.

Level

Fine tune the amount of gain. Max. gain is 37dB with Level set to max.

Bass/Treble

Adjust bass and treble response.

Bass: $\pm 11\text{dB}$ @ 20Hz

Treble: $\pm 5\text{dB}$ @ 20kHz

Technical specifications Pro-Ject Amp Box S3 CI

Power output:	2x 34W/20W at 4 ohms/8 ohms (1% THD)
Peak power output:	2 x 50W at 4 ohms
Frequency response (20Hz):	variable $\pm 11\text{dB}$
Frequency response (20kHz):	variable $\pm 5\text{dB}$
Channel separation:	- 68dB at 10kHz
Noise floor:	- 65dBV (-72dBV - 'A' weighted)
Signal to noise ratio:	88dBV (95dBV - 'A' weighted)
THD+N:	<0,03% at 5W
Gain:	37dB (level set to max.)
Input sensitivity:	165mV/175mV at 4 Ohms/8 Ohms
Input impedance:	10 kohms
Signal sensing switch	PWR ON value: 4,2mV PWR OFF time: 3s (if there no input signal min. 4,4mV for 3 s)
Auto Power ON switch	Automatic Power ON after connecting the supply voltage
Trigger IN:	12V DC switching voltage, 2-pole co-axial Ø 2,5mm jack
Trigger OUT:	12V DC voltage, 2-pole co-axial Ø 2,5mm jack
Pre in:	1 pair RCA
Bypass Output:	1 pair RCA
RS-232:	Pluggable 3-PIN Phoenix Block
Speaker connectors:	Pluggable 4-PIN Phoenix Block
Outboard power supply:	20V-24V/3A DC Pluggable 2-PIN Phoenix Block
Power consumption:	<0,5W in standby
Dimensions W x H x D (D with sockets):	103 x 36 x 106 (112) mm
Weight:	380 g without power supply

Service

Should you encounter a problem which you are not able to alleviate or identify, please contact your dealer for further advice. Only when the problem cannot be resolved there should the unit be sent to the responsible distributor in your country.

Warranty



The manufacturer accepts no responsibility for damage caused by not adhering to these instructions for use. Modification or changes to any part of the product by unauthorized persons release the manufacturer from any liability over and above the lawful rights of the customer.

Should a problem be encountered which cannot be identified or resolved, please contact point of purchase/dealer for further advice. Only if the problem cannot be resolved there, the unit should be sent to the responsible distributor in your country. Warranty is valid in country of purchase and for original purchaser only and is not internationally nor personally transferable.

Copyright, trademarks

Pro-Ject Audio Systems is a Registered Trademark of H. Lichtenegger.

This guide was produced by Pro-Ject Audio Systems
Copyright © 2024. All rights reserved.

The information was correct at the time of going to press. The manufacturer reserves the right to make changes to the technical specification without prior notice as deemed necessary to uphold the ongoing process of technical development.