



2/CENTO



model: 2/cento
User Manual

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INTRODUCTION

The **2/Cento** (Due cento or “Two Hundred” in English) is a stereo power amplifier for electric guitar. Featuring 2xKT88/side and a very high voltage internal supply is designed for a nearly infinite headroom.

DIMENSIONS

Measurements: 4U standard rack with a depth of 40cm/ 15,7 inches .

Weight: 38kg / 84lb

POWER SUPPLY

2/cento is shipped with hardwired primary voltage. 230V or 117V must be chosen at order time.

FIRST USAGE

Take your time and carefully check the cabinet impedance before turning the **STANDBY** switch on. The cabinet impedance must match the amplifier's output impedance or be higher.

Do not attempt to change the output jacks (impedance) while the amplifier is on. Always turn both the **STANDBY** and **POWER** switches to the **OFF** position before adjusting the output impedance.

WARNING!!

This amplifier uses potential lethal voltage, it must be inspected only by expert people! Do not open unless being authorized.

WARNING!!

Before insert power cord inside 2/cento, check the voltage plate under IEC socket and be sure to match wall voltage of your country.

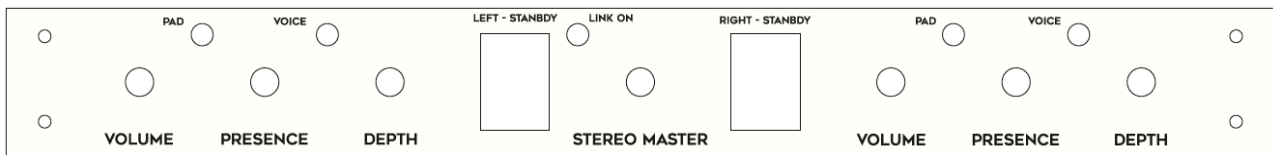
2/CENTO

The **2/Cento** is a **stereo power amplifier** designed for electric guitar, featuring a **B+** voltage close to **680VDC** and delivering approximately **90 watts per side** through two pairs of **KT88 tubes**. The result is an exceptionally **wide, clean, and transparent sound**, with virtually no distortion and almost limitless headroom.

Pair the **2/Cento** with your favorite preamplifier — we highly recommend trying our **D100PRE** — and experience outstanding performance. For additional effects, place them between your preamp and the power amp; our **Multi Stereo Line Mixer** is also highly recommended to complete your setup. Due to the very high production costs and time consuming manhours to craft every single power amplifier, availability is limited to 10 to 20 pieces a year.

TECHNICAL FEATURES

FRONT PANEL:



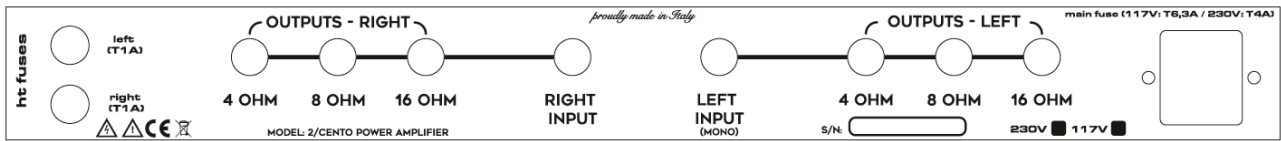
Global controls:

- **POWER ON/OFF:** turn main power on/off;
- **STEREO VOLUME:** volume control for both sides simultaneously.
- **LINK ON:** turn the STEREO VOLUME control on. This control defeat channel volume controls and both sides will be controlled by it.

Left and right channels:

- **VOLUME:** volume control;
- **PAD:** cut the channel volume roughly by 1/10.
- **VOICE:** select two different feedback path. One it's more open and with high content, the other is smoother and darker.
- **PRESENCE:** presence control.
- **DEPTH:** depth or low content control.
- **STANDBY:** standby switch on/off

REAR PANEL



(from left to right)

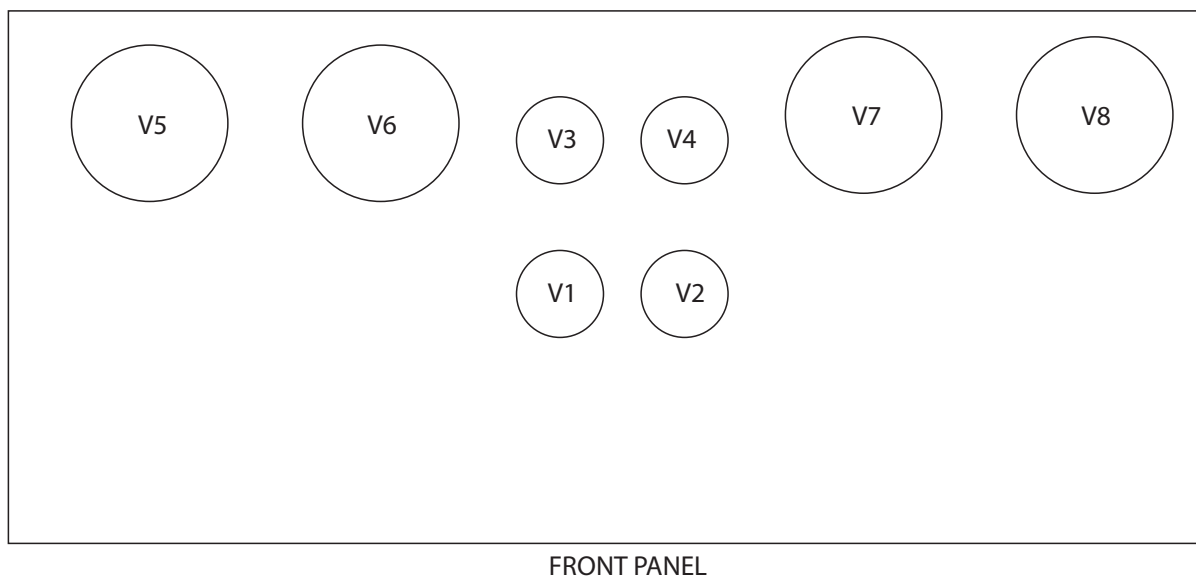
- IEC power connector;
- Left and Right input connectors: by using LEFT side only, signal will also sent to RIGHT channel, so both channels can be used. When RIGHT side is plugged in, 2/Centro will work as a regular stereo PA.
- 4-8-16 ohm output connectors.

TUBE LAYOUT

This amplifier comes equipped with **KT88** tubes in power amp section and **12AX7** and **12AT7** tubes in the preamp.

Power tubes **cannot be replaced with other types**. Bias must be checked **every time** power amp tubes are substituted, even with ones by the same brand.

Adjusting the bias requires an expert tech and the amplifier to be opened, so please contact us at info@redseven-amplification.com before attempting this for any information.



V1 and V2: input stages. 12AX7

V3 and V4: phase inverters. 12AT7

V5 to V8: KT88

CABINET AND SPEAKERS

For the ultimate sonic experience, we highly recommend pairing this amplifier with the **RedSeven Pro Cab series**, especially the **4x12 model**. This amplifier was developed specifically with this cabinet, making it a natural extension of its sound.

TROUBLESHOOTING

- **2/Cento IS NOT TURNING ON**
Check the power cord, sometimes it can be loose and cannot make good contact with IEC socket. Replace it. If this doesn't work check MAIN fuse, if it's blown replace with SAME type and try again to turn on again. If fuse continue to blown, turn off the amp and contact RedSeven Amplificaton.
- **2/Cento IS TURNING ON BUT WITH NO SOUND**
First of all be sure to connect speaker cable properly, both amplifier as the cabinet. Check the input signal from guitar and channel/master volume too. If this doesn't work check HT fuse, if it's blown replace with SAME type and try again to turn on again. If fuse continue to blown, turn off the amp and contact RedSeven Amplificaton.
- **2/Cento IS MAKE NO SOUND**
If everything works properly be sure to have both master volume turned up.

For any issue and in any moment you can contact a qualified tech at: info@redseven-amplification.com

We will replay to you as soon as possible.

WARRANTY DESCLAMER

2/Cento contains potentially lethal voltages. Use it only in safe environments and under proper operating conditions.

Do not attempt to open the amplifier under any circumstances. If you experience any issues, contact your authorized dealer or reach out to us directly. This amplifier operates at very high voltages that can cause serious injury or death. Anyone without proper technical training **must not attempt to service or modify** the unit.

RedSeven Amplification provides a **standard two-year full warranty** covering all components (excluding parts subject to normal wear).

Removing the amplifier from its wooden cabinet or making any modification to its original state **will void the warranty**. RedSeven Amplification is not responsible for any damage or injury to persons, property, or animals resulting from unauthorized access or alterations.

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