





# ROYALE 1x12

User Manual

# 1. IMPORTANT SAFETY INFORMATION

	The triangle surrounding an exclamation mark alerts users to the presence of important warnings or information.
	The triangle surrounding a lightning bolt alerts users to the presence of dangerous high-voltage within the enclosure of the products that can pose a significant risk of electrical shock.

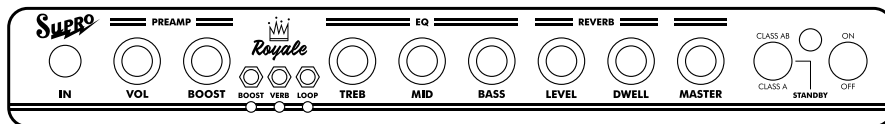
- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturers instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the grounding-type plug. A grounding-type plug has two blades and a third grounding prong. The third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use the attachments/accessories specified by the manufacturer.
- Use only the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- To ensure proper ventilation always make sure there is at minimum four inches (101.6mm) of space behind the rear of the apparatus. The ventilation should not be impeded by covering the ventilation opening with items, such as newspapers, tablecloths, curtains, etc. Do not impede ventilation by placing objects on top of the apparatus which extend past the rear edge of its cabinet.
- Please contact Supro directly or a qualified person for tube replacement.
- The AC plug is the mains disconnect. The plug should remain accessible after installation.
- **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
- **WARNING:** The apparatus shall not be exposed to dripping or splashing and objects filled with liquid, such as vases, shall not be placed on apparatus.
- **CAUTION:** To reduce the risk of fire or electric shock, do not remove the cover or back of the product. There are no user serviceable parts inside. Refer service to qualified personnel.

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## 2. ANATOMY AND USAGE

### 2.1 FRONT PANEL



#### IN

Instrument input for the amplifier.

#### VOL

Controls the amount of preamp gain.

#### BOOST

Controls the amount of boost.

#### BOOST SWITCH & LED

This toggle switch activates the Boost function. The Boost function is on when the switch is in the up position. *Boost is active when the LED is lit.*

#### LOOP SWITCH & LED

This toggle switch activates the Loop function. The Loop function is on when the switch is in the up position. *Loop is active when the LED is lit.*

#### REVERB SWITCH & LED

This toggle switch activates the Reverb function. The Reverb function is on when the switch is in the up position. *Reverb is active when the LED is lit.*

#### TREB

Controls the level of treble frequencies.

#### MID

Controls the level of midrange frequencies.

#### BASS

Controls the level of bass frequencies.

#### LEVEL

Controls the output from the reverb pan.

#### DWELL

Controls the length of the reverb tail by adjusting the amount of signal being fed to the reverb pan.

#### MASTER

Controls the overall output volume of the amplifier.

#### CLASS A / STANDBY / CLASS AB SWITCH

Turns on the high voltage to the tubes. The tubes should warm up for at least one minute before turning the standby switch to either Class A or Class AB. Be sure that the Volume control is set to a reasonable position before switching the amp to Class A or Class AB as this amp can be very loud! You are able to switch from Class A to Class AB while the amp is operating.

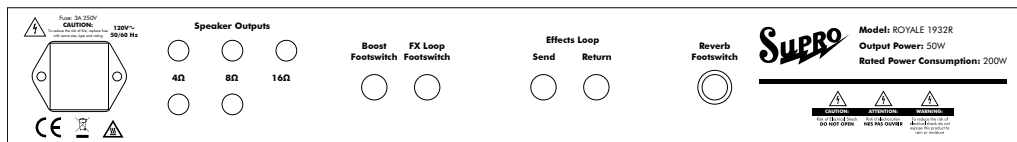
#### PILOT LIGHT

This shows that AC Mains voltage is flowing to the amplifier.

#### POWER SWITCH

Turns on AC power to the amp. The Power switch should be turned on, and the pilot light should be lit for 1 minute before turning the standby switch to ON.

## 2.2 REAR PANEL



### IEC POWER CORD RECEPTACLE / FUSE HOLDER

The power cord connects here and to your country's appropriate wall outlet. Make sure to connect the male end of the IEC Power Cord into a Grounded Power Outlet. This IEC connector contains the AC Mains fuse. This is a 5×20mm, 3A, 250V Fuse.

### SPEAKER OUTPUTS

The Royale provides two 4-Ohm, two 8-Ohm, and one 16-Ohm speaker output. Which output jack you use depends on the configuration of your speaker cabinet or cabinets. For instance, when using a single 8 Ohm speaker, connect the speaker cabinet to one of the 8 Ohm jacks. If using two 8-Ohm speakers or cabinets, plug them both into the 4-Ohm jacks. (Two 8-Ohm loads connected in parallel add up to a 4-Ohm total load). If using a 16-Ohm cabinet, plug it into the 16-Ohm output. A speaker must always be connected to at least one output. Do not turn the amp on without a speaker plugged in.

### FOOTSWITCHES

Each footswitch jack is designed to accept a 1/4" TS cable and single footswitch.

### BOOST SWITCH JACK

Allows remote switching of the Boost function. Insert a standard guitar cable and connect the other end to the footswitch. Note: Plugging into this jack will override the front panel Boost switch function.

### REVERB SWITCH JACK

Allows remote switching of the Reverb. *Note: Plugging a cable into the Reverb footswitch jack will override the front panel switch position.*

### EFFECTS LOOP FOOTSWITCH JACK

Allows remote switching of the effects loop. *Note: Plugging a cable into the Loop footswitch jack will override the rear panel switch position.*

### EFFECTS LOOP

The effects loop in the Supro Royale provides a place to insert effects *after* the gain stages of the pre-amp.

### SEND JACK

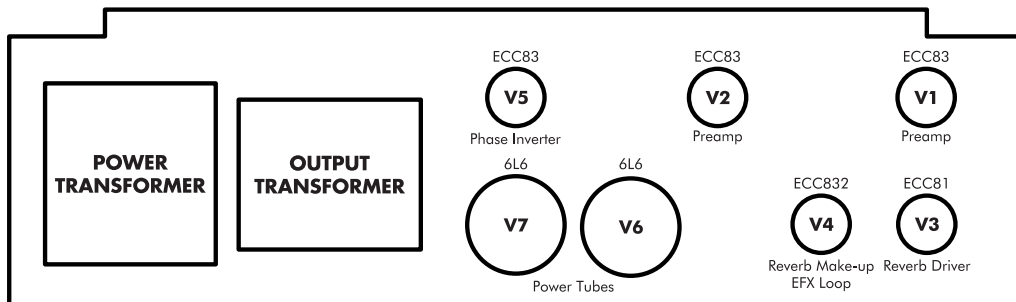
Sends signal to the input jack of external effects pedals.

### RETURN JACK

Receives signals from the output of external effects pedals.

## 2.3 TUBES

The Supro Royale amplifier is a 100% analog, 100% tube amplifier. There are NO solid state (transistor) devices in ANY audio signal path.



## 2.4 TROUBLESHOOTING

Supro products have been designed for years of trouble-free service. There are many unique protection features to the design. If you are having difficulties, check the following:

### No sound, but pilot light is ON

Check to see that the speaker is plugged into the speaker jack (not the footswitch jack). Make sure all knobs are turned up past zero and that the Standby switch is set to operate. As this is a tube amplifier, the tubes take approximately 1 minute to warm up before you will get sound. The Standby switch should be set to standby for this warm up period.

### No sound and the lights are all OFF

Unplug the power cord and check the 2.5A, 250V fuse (rear panel).

If you have any further questions, our email address is [support@suprousa.com](mailto:support@suprousa.com).

## 3. SUPRO LIMITED WARRANTY

Your new Supro product is warranted to be free from defects in materials and workmanship for 1 year from the original date of purchase. If the product is registered at <http://suprousa.com/warranty>, coverage is extended to two years. Tubes and speakers are covered for 90 days. Warranty applies only to the original retail purchaser of a registered Supro product, subject to the limitations contained in this warranty.

THIS WARRANTY IS EXTENDED TO THE ORIGINAL RETAIL PURCHASER OF SUPRO PRODUCTS BOUGHT ON OR AFTER JANUARY 1, 2020 ONLY AND MAY NOT BE TRANSFERRED OR ASSIGNED TO SUBSEQUENT OWNERS. IN ORDER TO VALIDATE YOUR WARRANTY, AND AS A CONDITION PRECEDENT TO WARRANTY COVERAGE HEREUNDER, YOU MUST REGISTER YOUR PRODUCT WITHIN SIXTY (60) DAYS FOLLOWING THE ORIGINAL DATE OF PURCHASE. YOUR PROOF OF PURCHASE OR SALES RECEIPT MUST ACCOMPANY ALL REQUESTS FOR WARRANTY COVERAGE—YOU MAY SUBMIT YOUR RECEIPT ON THE REGISTRATION FORM. IF YOU DO NOT REGISTER THE PRODUCT WITHIN 60 DAYS OF PURCHASE, YOUR PRODUCT WILL NOT BE SERVICED UNDER WARRANTY.

If your Supro product is destroyed, lost or damaged beyond repair while in the possession of Supro for repair, Supro will replace that product with one of the same or most similar style of a value not in excess of the original purchase price of your product. Any insurance covering the product, including but not limited to collector's value insurance, must be carried by you at your expense.

This warranty covers the cost of both labor and materials on repairs deemed necessary by our Customer Service Representative which includes:

- Amplifiers: 1 year (Extended to 2 if registered)
- Speaker Cabinets: 1 year (Extended to 2 if registered)
- Tubes and speakers: 90 days
- Effects Pedals: 1 year (Extended to 2 if registered)

**THIS WARRANTY DOES NOT COVER:**

- Any product that has been altered or modified in any way or upon which the serial number has been tampered with or altered.
- Any product whose warranty has been altered or upon which false information has been given.
- Any product that has been damaged due to misuse, negligence, accident, or improper operation.
- The subjective issue of tonal characteristics.
- Shipping damages of any kind.
- Any product that has been subjected to extremes of humidity or temperature
- Normal wear and tear
- Any product that has been purchased from an unauthorized dealer, or upon which unauthorized repair or service has been performed.

SUPRO MAKES NO OTHER EXPRESS WARRANTY OF ANY KIND WHATSOEVER. ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, EXCEEDING THE SPECIFIC PROVISIONS OF THIS WARRANTY ARE HEREBY DISCLAIMED AND EXCLUDED FROM THIS WARRANTY. SOME STATES AND/OR COUNTRIES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF IMPLIED WARRANTIES SO THAT THE ABOVE MAY NOT APPLY TO YOU. SUPRO SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT CONSEQUENTIAL, INCIDENTAL OR OTHER SIMILAR DAMAGES SUFFERED BY THE PURCHASER OR ANY THIRD PARTY, INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS OR BUSINESS OR DAMAGES RESULTING FROM USE OR PERFORMANCE OF THE PRODUCT, WHETHER IN CONTRACT OR IN TORT, EVEN IF SUPRO OR ITS AUTHORIZED REPRESENTATIVE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, AND SUPRO SHALL NOT BE LIABLE FOR ANY EXPENSES, CLAIMS, OR SUITS ARISING OUT OF OR RELATING TO ANY OF THE FOREGOING.

**Steps To File for Warranty Coverage:**

Register your new product at <http://suprousa.com/warranty>

Complete the warranty request form available at <http://suprousa.com/support> and we will handle it from there!

**Manufacturer:**

DAG Audio LLC, 141 West 28th St. 4th Floor,  
New York, NY 10001

**Commercial Importer, EU:**

BOND AUDIO GmbH & Co. KG., Lichtstrasse 25,  
50825 Cologne, Germany

