

MAX

300 WATT GUITAR AMP



Randall[®] USA

A M P L I F I E R S

OPERATIONS MANUAL

VMAX

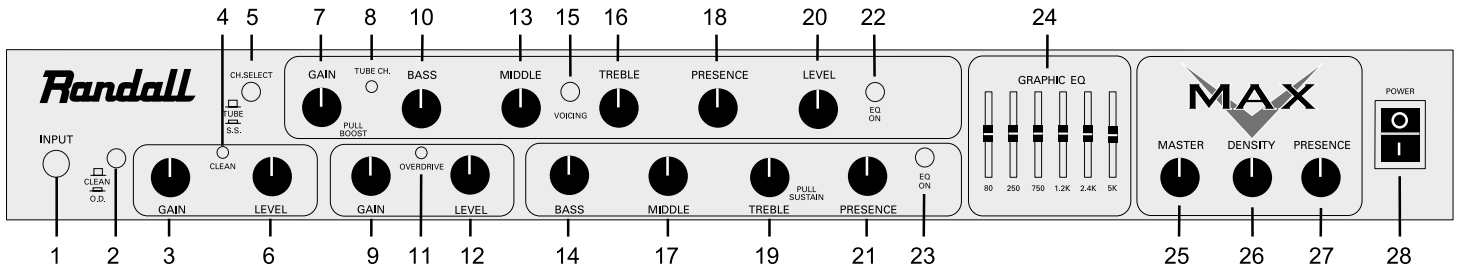
Operating Instructions

Congratulations on your purchase of the Vmax guitar amplifier. We are glad you have chosen a Randall as your current musical partner. In the following manual, you will find a description for each feature available on the Vmax amplifier. Please read carefully to better understand what this amplifier is capable of, and how to find the tone you are looking for.

Randall amplifiers are built with the finest quality components, and are designed and road-tested by musician's who use them every day. Since this is an hi voltage electronic unit, there are several precautions that you must be aware of and treat with great respect. Please use common sense and always observe the following precautions.

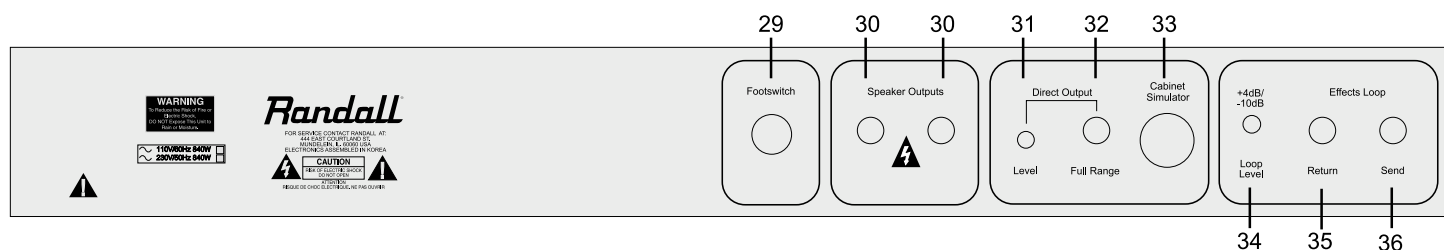
- **Always unplug the AC power cord before changing fuses or tubes.**
- **When replacing fuses, use only the same type and rating**
- **Do not expose this amplifier to moisture, rain, direct sunlight, or extremely high temperatures.**
- **Always make sure this amplifier is properly grounded.**
- **Avoid direct contact with the preamp tubes.**
- **Connect to an AC power supply that meets the power supply rating, listed on the rear panel.**
- **If lightning is in the area, remove the power plug from the wall socket.**
- **Do not use excessive force when handling control buttons, switches, and controls.**
- **Wipe this amplifier only with common sense cleaning solutions, such as glass and leather cleaner.**
- **KEEP THIS AMPLIFIER AWAY FROM CHILDREN AT ALL TIMES**
- **THIS AMPLIFIER IS EXTREMELY LOUD, AND EXPOSURE TO HIGH SOUND VOLUMES MAY CAUSE PERMANENT HEARING DAMAGE!**

FRONT & REAR PANEL FEATURES & DISCRIPTIONS:



1. **Input Jack**- Input for your instrument cable, from your guitar.
2. **S.S. channel switching button** - Switches between your Solid-state clean(green), and Solid-state dirty(red) channels
3. **S.S. clean gain control** - Controls the level amount of volume and gain on you clean channel. For clean tone, keep at a lower settings. For semi-distorted tone, turn to higher settings.
4. **S.S. clean LED** - This LED lights green, and indicates when the S.S. clean channel is in use.
5. **Tube Channel switching button** - Push this button to switch between the Tube and Solid-state preamps.
6. **S.S. clean level control** - Adjusts the amount of volume on the solid-state clean channel.
7. **Tube gain control** - Adjust the overall amount of gain and distortion on the tube channel.
Pull Boost - Pull the knob to activate an additional gain boost. This boost can also be activated by the footswitch.
8. **Tube channel LED** - Lights in red, and indicates with the Tube channel is being used.
9. **S.S. dirty gain control** - Controls the amount of gain and distortion for the S.S. dirty channel. Adjust to your desired amount.
10. **Tube channel bass control** - Controls the amount of the bass frequency in the tube channel.
11. **S.S. dirty LED**- Lights in red, and indicates when the S.S. dirty channel is in use.
12. **S.S. dirty level control** - Controls and adjust the overall volume of the S.S. dirty channel
13. **Tube channel Mid control** - Adjusts the amount of mid-range frequency for the Tube channel
14. **S.S. Bass control** - Adjusts the amount of Bass frequency in the S.S. dirty channel.

15. **Tube Voicing button** - This button shifts the mid-range frequencies in the tube channel. With the button out the Mid-range is at a lower frequency, and when the button is pushed in, the mid-range frequency is shifted to a higher frequency.
16. **Tube Treble control** - Controls the amount of hi-end frequency in the tube channel. This is set to a lower frequency than the presence control.
17. **S.S. Mid control** - Adjusts the overall amount of mid-range in the S.S. clean and dirty channels.
18. **Tube Presence control**- Also adjusts the amount of hi-end frequency in the tube channel. Adjust a higher frequency than than the tube treble control.
19. **S.S. Treble control**- Controls the amount of high end if the S.S. clean and dirty channels.
20. **Tube Level control**- Adjusts the output level of the Tube channel. Balance this level with the master level control, for the desired volume.
21. **S.S. Presence control** - This knob controls extreme high end frequencies of the S.S. clean & dirty channels.
22. **Tube Graphic on/off**- Push the button (in) to activate the graphic EQ for the tube channel, or turn the graphic off by setting in the out position.
23. **S.S. graphic on/off**- Push the button (in) to activate the graphic EQ for the tube channel, or turn the graphic off by setting in the out position.
24. **7-band Graphic EQ** - Master graphic EQ that can be used for both the Tube and S.S preamps. Can be activated by either the front panel buttons, or the supplied foot controller.
25. **Master Volume control** - Adjusts the overall amount of volume for the both the tube and S.S. preamps. Balance the level controls on each preamp to the desired level, and use the master volume control to bring the overall volume level up or down.
26. **Master Density control**- Adjusts the overall amount of low end frequency for each channel
27. **Master Presence control**- Adjusts the overall amount of high-end frequency for each channel.
28. **Power switch**- Turns on/off the main AC power to the amplifier.

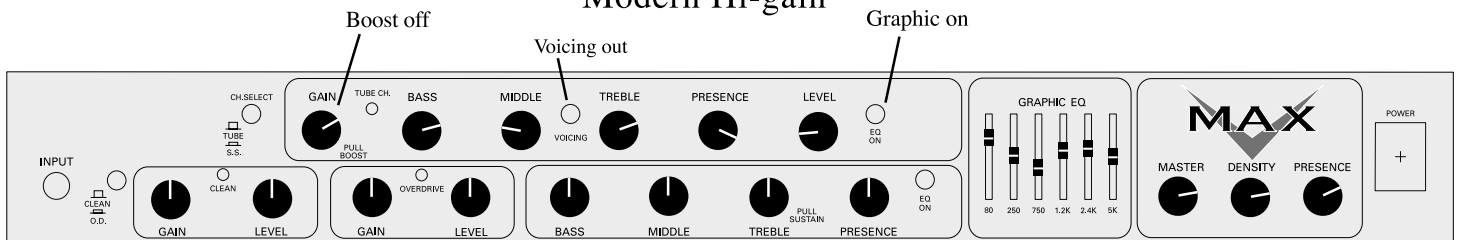


29. **Footswitch**- Input for your 7-pin foot control cable. Connect your foot controller using the 7-pin cable to this input.
30. **Speaker outputs** - Using a 1/4" speaker cable, connect from here to the input of any 4/8 or 16 ohm speaker cabinets. The Vmax will comfortably handle any 4/8 or 16 ohm speaker load.
31. **Direct out level control**- Control the amount of signal level being sent for the direct out or the cabinet simulator.
32. **Direct/Slave out**- Direct signal out only, this 1/4" output is generally used as a send to additional power amplifiers, if more power is needed.
33. **Cabinet Simulator** - An attenuated XLR signal output designed to emulate the exact tone of a mic'd cabinet. Used as a direct recording or live applications output, sent directly to your mixing console.
34. **Return level adjustment**- attenuates the line level of your external effects or signal processor. Will boost +4dB, or cut -10dB depending on the level of your processor.
35. **Effects Return input** - 1/4" jack that connects to the output of any external effects or signal processor. This effects loop is wired in Series. The return jack can also be used as external power amp input.
36. **Effects Send input** - 1/4" jack that connects to the input of any external effects or signal processor. This effects loop is wired in Series

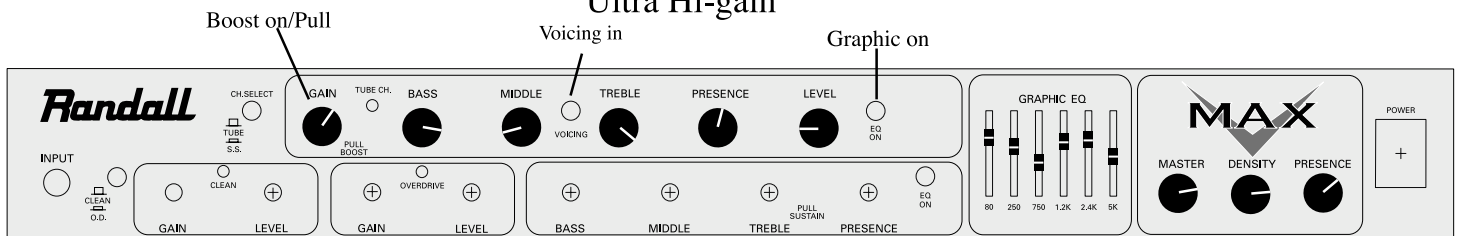
VMAX SETTINGS

TUBE CH.

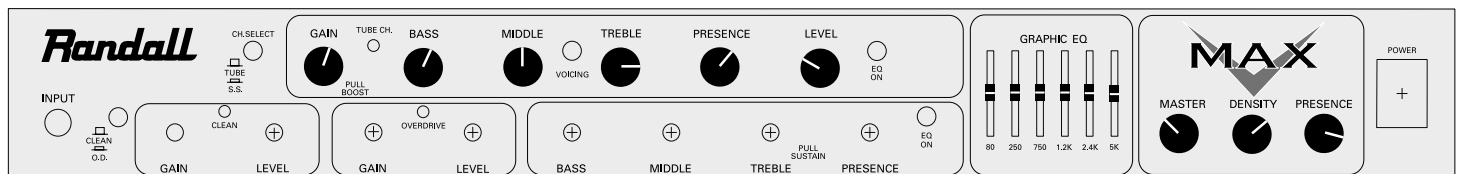
Modern Hi-gain



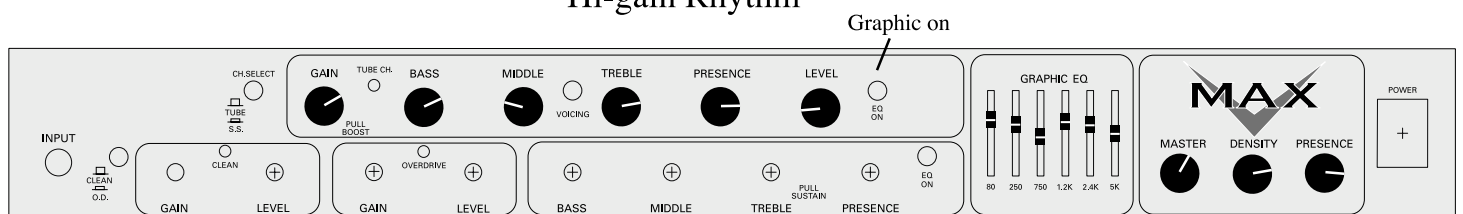
Ultra Hi-gain



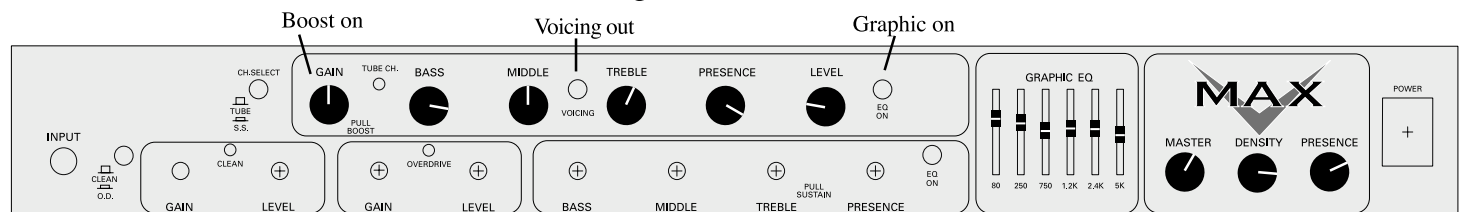
Classic gain



Hi-gain Rhythm

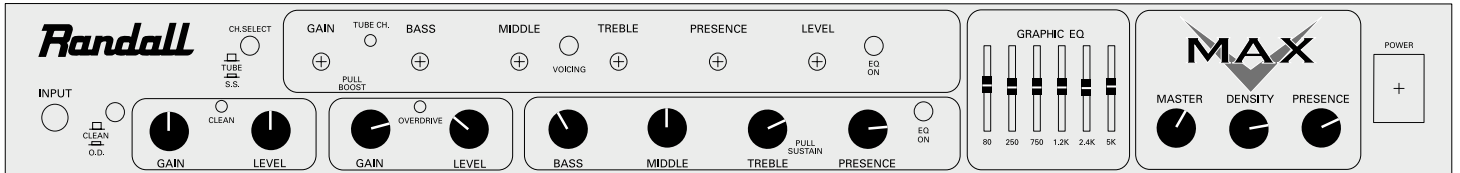


Hi-gain Lead

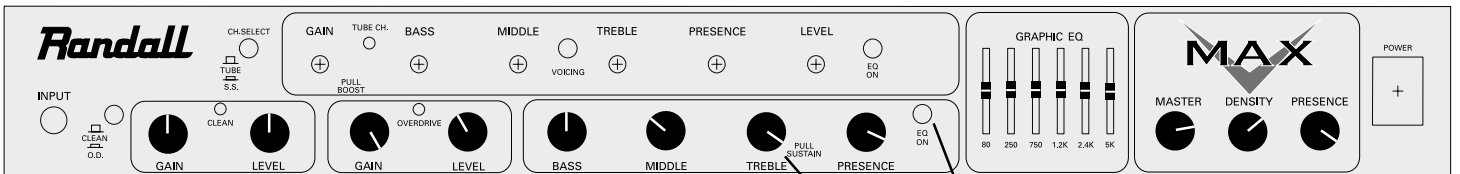


VMAX SETTINGS

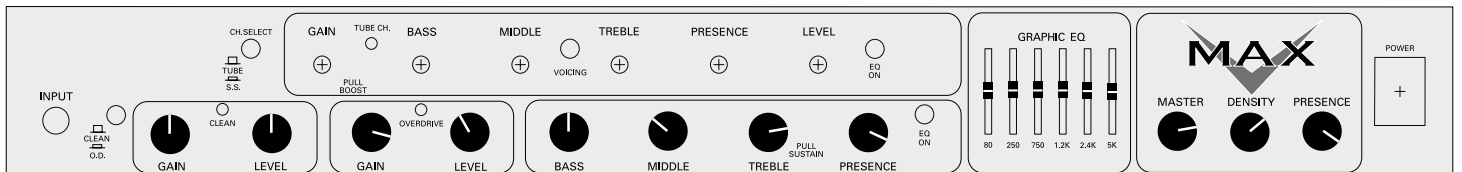
SOLID-STATE CH.



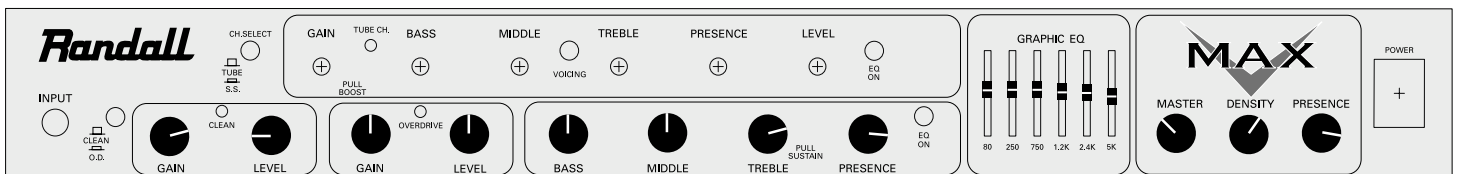
Classic Rhythm



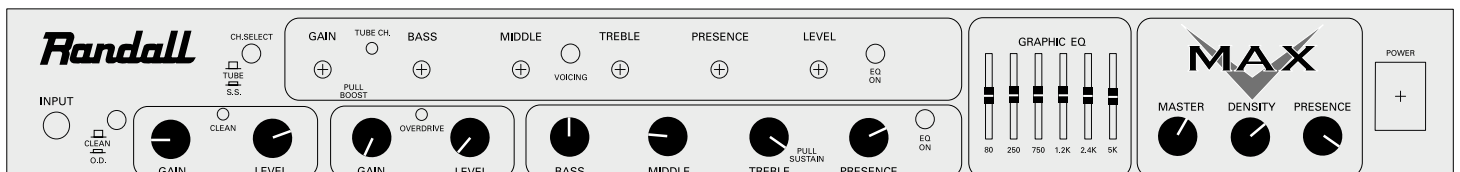
Thick Hi-gain



Normal rhythm



Semi-distorted Clean



Clean

IMPORTANT SAFEGUARDS

THESE WARNINGS APPLY TO ALL RANDALL ELECTRONIC PRODUCTS. PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS CONTAINED IN THIS SERVICE MANUAL AND THOSE ON YOUR RANDALL PRODUCT PRIOR TO ITS USE.

WARNINGS AND SYMBOLS:



LIGHTNING FLASH: The lightning flash with an arrowhead within an equilateral triangle, is intended to alert the user of the presence of uninsulated **DANGEROUS VOLTAGE** within the product's enclosure that may be of significant magnitude to constitute risk of electric shock to persons.

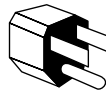
PRECAUTIONARY WARNING:



RAIN AND MOISTURE: To reduce the risk of fire or electric shock, **DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.** Operators of electronic products should in no way be in contact with water.



EXCLAMATION POINT: The exclamation point within an equilateral triangle, is intended to alert the user of the presence of **IMPORTANT OPERATING AND MAINTENANCE OR SERVICE INSTRUCTIONS** in the literature accompanying the product.



GROUNDING: To prevent electric shock,

DO NOT DEFEAT THE 3 PRONG GROUNDING PLUG on product's power cord. Do not use an adapter, extension cord or outlet unless the blades can be fully inserted to prevent blade exposure.

WARNING GRAPHIC ON PRODUCT:



ATTENTION
RISQUE DE CHOC ÉLECTRIQUE NE PAS OUVRIR

WARNING GRAPHIC ON PRODUCT:

CAUTION: TO PREVENT FIRE OR ELECTRICAL SHOCK,
DO NOT EXPOSE TO RAIN OR MOISTURE

THANK YOU FOR CHOOSING RANDALL

**WE ARE GLAD YOU HAVE CHOSEN US TO BE YOUR MUSICAL PARTNER.
OUR GOAL IS TO PRODUCE THE FINEST AMPS AVAILABLE ANYWHERE. WE
HOPE YOUR NEW AMP WILL PROVIDE YOU WITH YEARS OF MUSICAL
SATISFACTION. WE ARE HERE TO SERVE YOU AND WELCOME YOUR
COMMENTS AND SUGGESTIONS. AGAIN, WE THANK YOU FOR MAKING
RANDALL PART OF YOUR MUSICAL JOURNEY.**

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Mundelein, IL. 60061
Phone: 847-949-0444 Ext:230
Fax: 847-949-8444
Email: randall@randallamplifiers.com**

www.randallamplifiers.com

**Please register your warranty online at:
www.randallamplifiers.com/warranty**

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