Congratulations and welcome to the Rivera® family of outstanding products!
We hand-build this fine product in our facility in Burbank, California, USA, using the most robust, finest quality components from North America, Germany, and Japan. With correct use and care, you will experience many years of enjoyment with the Mini Rockrec. It is an invaluable tool on stage as well as in the studio.

WARNINGS! PLEASE READ BEFORE USING!

YOU MUST HAVE A LOAD OF THE PROPER IMPEDANCE CONNECTED TO THE SPEAKER OUTPUTS OF THE MINI ROCKREC WHEN OPERATING IN THE BYPASS POSITION! IF NOT, YOUR AMPLIFIER WILL POTENTIALLY SEE AN OPEN LOAD CONDITION, WHICH MAY RESULT IN SEVERE DAMAGE TO YOUR AMPLIFIER!
YOU MUST MAKE SURE THAT THE IMPEDANCE OF THE AMPLIFIER'S SPEAKER OUTPUT MATCHES THE SETTINGS ON THE MINI ROCKREC (4, 8 OR 16 OHM), AND THAT THE SPEAKER(S) CONNECTED TO THE ROCKREC IS OF THE SAME IMPEDANCE. IF MULTIPLE SPEAKERS ARE CONNECTED (ROCKCRUSHER SPEAKER OUTPUT JACKS ARE IN PARALLEL), THEIR COMBINED LOAD IMPEDANCE MUST MATCH THE SETTINGS ON THE AMPLIFIER AND ON THE ROCKCRUSHER. AN IMPEDANCE MISMATCH CAN POTENTIALLY RESULT IN DAMAGE TO YOUR AMPLIFIER, AND EXCESSIVE HEATING TO THE MINI ROCKREC INTERNAL COMPONENTS. DO NOT USE THE MINI ROCKREC ON AMPLIFIERS THAT ARE HARDWIRED FOR 2 OHMS, OR DO NOT HAVE 8 OR 16 OHM OUTPUT IMPEDANCE CAPABILITY. DO NOT USE THE MINI ROCKREC WITH ANY SPEAKER LOAD LOWER THAN 4 OHMS IMPEDANCE.

YOU MAY NOT EXCEED THE 100W RMS or 150W PEAK POWER RATING OF THE MINI ROCKREC while in 8 OHMS or 150W RMS or 300W PEAK POWER in 4 or 16 OHM setting.
DO NOT COVER THE TOP OR BOTTOM OF THE MINI ROCKREC, AS PROPER VENTILATION IS REQUIRED TO DISSIPATE THE POTENTIAL HEAT GENERATED.
DO NOT EXPOSE THE ROCKREC TO ANY MOISTURE OF ANY SORT, AS A POTENTIAL ELECTRICAL SHOCK HAZARD OR DAMAGE TO THE MINI ROCKREC MAY BE POSSIBLE.
EXCESSIVE USE OF YOUR AMPLIFIER'S OUTPUT POWER WILL PLACE THERMAL STRESS ON THE OUTPUT TUBES AND THEIR ASSOCIATED COMPONENTS, AS WELL AS ON THE OUTPUT TRANSFORMER, AND MAY RESULT IN DAMAGE TO YOUR AMPLIFIER. OLDER VINTAGE AMPLIFIERS MAY HAVE CRITICAL COMPONENTS WHICH HAVE DETERIORATED, SUCH AS COUPLING AND FILTER CAPACITORS, WIRING INSULATION, TUBE SOCKETS, GRID RESISTORS, AND THE INSULATION PROPERTIES OF THE OUTPUT TRANSFORMER WINDINGS. THESE COMPONENTS MAY BE EXCESSIVELY STRESSED WHEN SUSTAINING HIGH POWER LEVELS OVER A PERIOD OF TIME AND MAY FAIL. ASIAN- AND EASTERN EUROPEAN-BUILT AMPLIFIERS ARE FOR THE MOST PART NOTORIOUS FOR POOR QUALITY COMPONENTS, AND SUCH COMPONENTS MAY EASILY FAIL IF STRESSED.
PLEASE CHECK THE CONDITION OF YOUR OUTPUT TUBES, AND REPLACE THEM IF THEY ARE OLD OR FRAGILE BEFORE USING THE AMPLIFIER AT HIGH POWER LEVELS WITH THE MINI ROCKREC. WEAK AND OLD OUTPUT TUBES ARE THE LINK THAT CAN EASILY BREAK WHEN STRESSED. IF THERE IS OUTPUT TUBE FAILURE, OTHER ANCILLARY COMPONENTS MAY BE DAMAGED AS WELL.
BY RESPECTING THE CORRECT USE OF THE MINI ROCKREC, YOU WILL AVOID POTENTIAL DAMAGE TO YOUR AMPLIFIER AS WELL AS THE MINI ROCKREC.

MINI ROCKREC IS NOT INTENDED FOR USE WITH SOLID STATE AMPLIFIERS THAT USE CURRENT FEEDBACK AND AN UNGROUNDED OUTPUT. AS THE LINE OUTPUT GROUND IS DIRECTLY CONNECTED TO THE AMPLIFIER INPUT GROUND, OSCILLATION WILL OCCUR WITH POTENTIAL DAMAGE TO THE AMPLIFIER. IT IS ALSO NOT INTENDED FOR USE WITH CLASS D OR PWM AMPLIFIERS.
RIVERA AMPLIFICATION IS NOT RESPONSIBLE FOR ANY DAMAGE TO YOUR AMPLIFIER THAT MAY OCCUR THROUGH ANY USE OF THE MINI ROCKREC.

Rivera Amplification. Burbank, California, USA

FRONT PANEL FUNCTIONS:

VOICING knob: The VOICING selector allows you to choose between 6 different tailored voicings.

VOICING/BYPASS Switch: When the Voicing is selected, voices A-F will be heard. When the BYPASS switch is selected, the A-F voices will not be heard however the Bypass will be a more flat voicing.
PHASE Switch: This allows you to flip the phase. This can be useful when tracking the output or the Mini-Rocrec with a miked cabinet if the Mic or Cabinet out of Phase. It's also, common for some amplifiers to not be phase coherent from input to output.

HP/XLR Switch: The HP stands for Headphones. Select HP to hear through headphones. When HP is selected the XLR will have a reduced output.

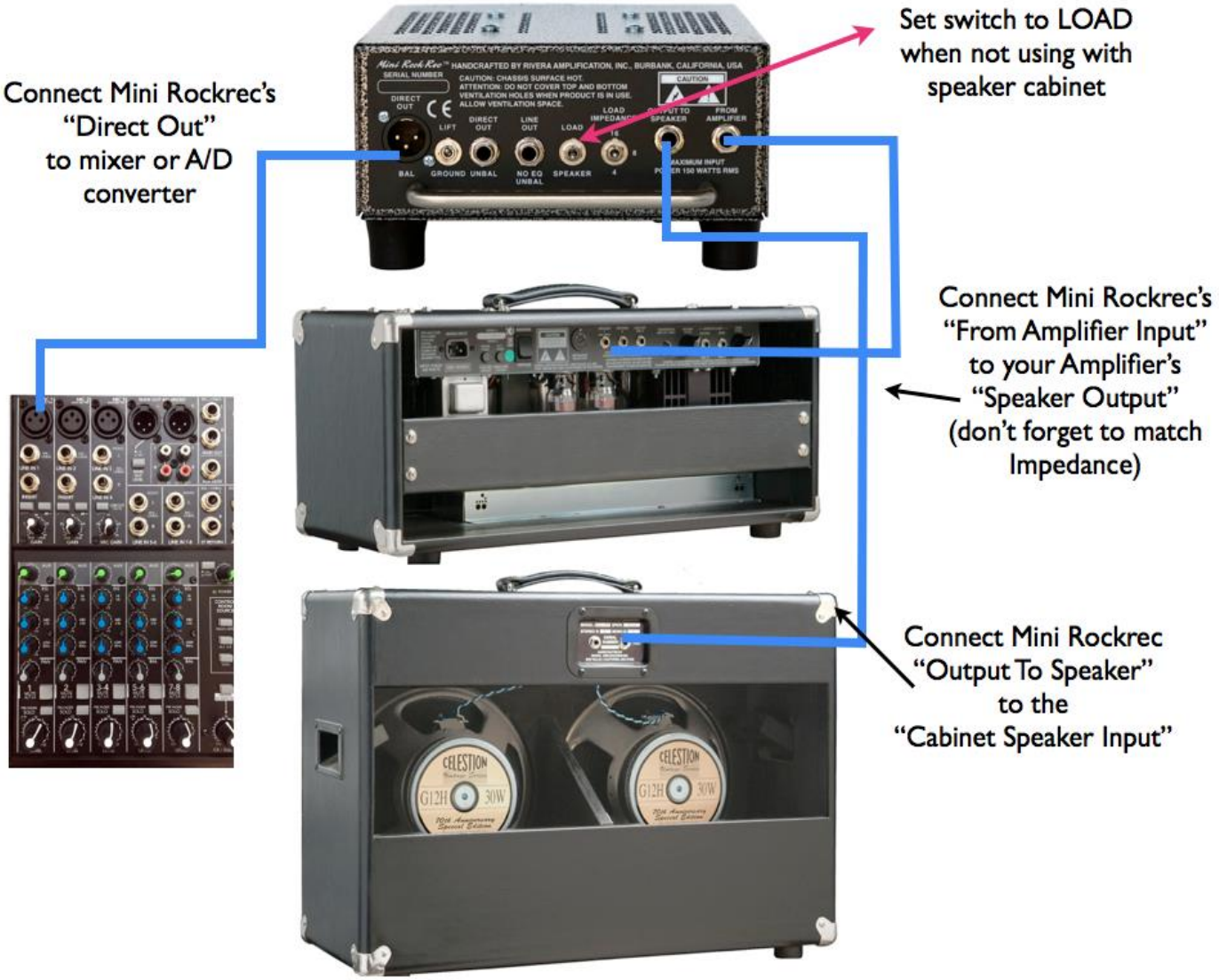
HEADPHONE input jack: This is a TRS ¼ or Stereo ¼ jack. Insert your headphones here. (*Headphones will not hear the Voicings, only a band pass filter, just like if you bypassed the voicing control*).

LEVEL knob: For controlling the level of Balanced XLR and Unbalanced Line Output jacks on the rear panel of the MINI-ROCKREC. Adjust this level to match the requirements of your equipment that you have connected. It is preferable to utilize Line Level inputs with the MINI ROCKREC, versus Mic Level inputs.

Rear Panel Features and Functions:

Select 4,8 or 16 OHMS to match your Amps OHMS setting.

Use 4 or 16 OHMS setting when using a tube amp that's more than 100watts. Remember to set your amp to match.



QUICKSTART

1. Set your amplifier to the correct impedance to match the Mini-Rockrec impedance setting. Lower the Level control on the front of the Mini Rockrec to Min position.
2. Connect the FROM AMPLIFIER Input of the Mini-Rockrec to the Speaker Output of your amplifier with a 16 Gauge Speaker Cable (recommended minimum is 16 Gauge or larger). NEVER use shielded guitar cables to connect amplifier outputs to Mini-Rockrec inputs.
3. Connect the OUTPUT TO SPEAKER jack of the Mini-Rockrec to your speaker cabinet with a proper speaker cable (see above). If you wish to use the Mini-Rockrec as a Load Box, disconnect the speaker cable. From amp and Mini-Rockrec
4. Connect the XLR DIRECT OUT, DIRECT OUT UNBAL, or LINE OUT NO EQ to your recording or PA equipment. Raise the Level control on the front of the Mini Rockrec to desired volume.
5. If using to hear amp with Headphones, select HP on the front panel switch and Plug your Headphone's TRS ¼ jack into the Headphone symbol.
6. Select Voicing or Bypass on the front panel to either hear the 6 A-F voices or the Voicing Bypassed tone. The Voicing Bypass tone is still filtered but has more "flat" tone. Use the LINE OUT NO EQ to completely bypass any filtering.

Usage Tips:

1. Vintage amplifiers that do not have master volumes can sound flubby when played at maximum levels. Setting the levels for a small amount of output stage distortion can sound much more pleasant, and result in less stress on the output stage itself.
2. When using an amp as a slave with the Load Box function, and sending the Line Output to another amp, the EQ setting on the second amp can be radically different than the first amps setting. Less accentuation on the high-frequency EQ of the second amp may be better.
3. Using a compressor or sustain effects pedal in between the Line Outputs of the Mini Rockrec and the inputs of the recording or PA equipment will only pump amp noise and will not sound good.
4. Use of delay effects such as echo or chorus between the Line Outputs of the Mini Rockrec and the inputs of recording or PA equipment can bring some interesting effects, as well as “Wet” the sound.
5. Using the Balanced XLR Output will assist in reducing the possibility of hum-producing ground loops between your amplifier and the recording or PA equipment.
6. Use of Parametric or Graphic Equalizers in between the Line Outputs of the Mini Rockrec and the inputs of the recording or PA equipment can assist you in obtaining a close approximation of a live microphone and loudspeaker combination versus a direct sound. A speaker is a mechanical filter of sorts, and the actual frequency response and distortion of the speaker will act to color your sound. When you listen to a direct signal from the speaker output of an amplifier, it contains all of the frequencies that would normally be filtered and altered by your speakers. Most of the harshness that can be heard from the direct sound can be favorably altered by judicious use of an external equalizer. A professional grade unit will give the best results.
7. Make sure the Mini Rockrec ventilation is not blocked on the bottom and top.