

Symptom	Probable Cause	Remedy
Loud amplifier hum	<ol style="list-style-type: none"> <li>1) Amplifier A.C. polarity</li> <li>2) Instrument connecting cable not properly grounded</li> <li>3) EL-34 power tube shorted</li> </ol>	<ol style="list-style-type: none"> <li>1) Reverse position of power ON switch</li> <li>2) See that connecting cable is plugged into instrument</li> <li>3) Replace EL-34</li> </ol>
Amp blows a fuse after several minutes of operation	<ol style="list-style-type: none"> <li>1) Wires from speaker to amplifier shorted</li> <li>2) EL-34 or 5U4GB power tube defective</li> <li>3) Problem persists</li> </ol>	<ol style="list-style-type: none"> <li>1) Replace speaker cord</li> <li>2) Replace tube</li> <li>3) Return amp for repair to dealer or factory</li> </ol>
Amp blows a fuse immediately after it is switched ON	<ol style="list-style-type: none"> <li>1) Defective 5U4GB power tube</li> <li>2) Internal short circuit</li> </ol>	<ol style="list-style-type: none"> <li>1) Replace tube</li> <li>2) Return amp to dealer or factory for repair</li> </ol>
Distorted sound coming from only one channel	<ol style="list-style-type: none"> <li>1) Overdrive control level set too high</li> <li>2) Defective preamp module</li> </ol>	<ol style="list-style-type: none"> <li>1) Reduce control level setting</li> <li>2) Replace module with one known to operate properly</li> </ol>
Distorted sound coming from both channels	<ol style="list-style-type: none"> <li>1) Overdrive control level set too high</li> <li>2) Defective first stage preamp module</li> <li>3) Speaker output wires to amplifier shorted</li> <li>4) Pickup, instrument, or connecting cable may be defective</li> <li>5) Defective speaker(s)</li> <li>6) Defective Variable Power tube (12AU7 near power transformer)</li> </ol>	<ol style="list-style-type: none"> <li>1) Reduce control level setting</li> <li>2) Replace module with one known to operate properly</li> <li>3) Replace speaker cord</li> <li>4) Substitute cable and instrument with one you know operates properly</li> <li>5) Verify speakers operate properly by connecting speaker plug to speaker output jack on another amp. If speaker is defective return unit to dealer or factory for repair</li> <li>6) Remove 12AU7 variable power tube to check and replace if necessary</li> </ol>
No reverb coming from amplifier	<ol style="list-style-type: none"> <li>1) Reverb control level(s) set too low</li> <li>2) Reverb output wires not connected to Send/Return inputs</li> </ol>	<ol style="list-style-type: none"> <li>1) Increase control level(s)</li> <li>2) Ensure output wires properly connected to rear panel jacks. Cable with red dot should be connected to Return Jack</li> </ol>