

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