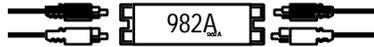


Troubleshooting Noise Problems

Unwanted noises such as hum, transport-related noises, or switching-related popping, etc., sometimes occur for seemingly no reason. The *Access* car audio system topology combats these noises by automatically double-grounding the inputs of both selected and deselected amplifiers, because a car audio display presents a different electrical environment than a car.

1. If an undesired noise turns up in the audio of one or two products, carefully check the products themselves and their wiring for defects. If a whole group of electronics or a large part of it is affected, review the system wiring— or ask someone else to do it— to uncover anything that may have been overlooked during installation, especially in the type of shielded cables that were used.



2. If noise persists, add 982A isolators in all signal paths between the EQ group and the 980 as shown in Figure 43.
3. An isolator placed in-line between the head unit group and the EQ group instead of or in addition to those in Step 2 may improve noise performance even further.

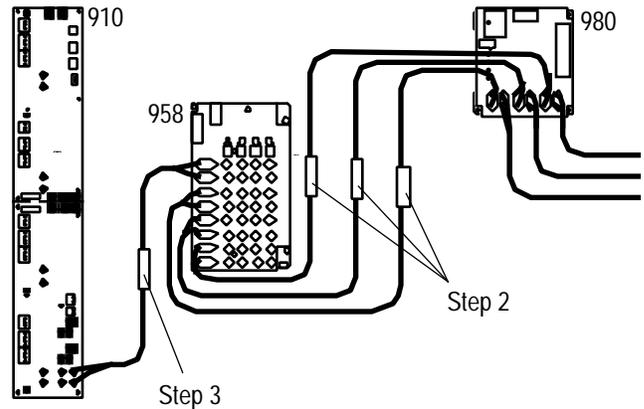


Figure 43. Install 982A Ground Loop Isolators on the Front, Rear, and Sub Low-Level Bus in the signal path just before the Model 980. If noise persists, install a 982A in the signal path between the 910 and the 958.