

Popping, Static, or Crackling Noise is Heard from a Speaker When Connected to an Audio Device

Follow these steps to troubleshoot the issue. Retest after each step until the popping noise is resolved.

1. Make sure that all sound equipment is connected to a clean power draw (separate electrical circuit). Sound, on the same electrical circuit as lighting or major appliances such as coffee pots, is prone to pops or static.
2. Make sure that all wires are properly connected.
 - If using a snake, make sure the cables from the snake to the board are connected properly.
 - Make sure the cable connecting the snake (or board) to the microphone is connected properly.
 - Disconnect and reseal each of these listening for the click to ensure the best connection.
3. Move the speaker wires and all audio cables away from any electrical cords.
4. If the issue persists, replace one element at a time and retest until the problem is resolved.
 - Microphone
 - Cable from snake to microphone
 - To test if the snake is the issue, bypass by connecting a cable and microphone directly to the board.
 - Replace the speaker wires.
 - If possible, connect a different set of speakers.
5. If the noise still occurs, the issue is most likely with the soundboard.