

IST's SWIMSTART Audio and Strobe Circuit Tests

If you are **not getting the PA (voice)** from your SWIMSTART when you hold the push-to-talk button and speak into the microphone, the problem may be a faulty microphone, a faulty speaker or a fault in the audio circuit in the start. Follow these steps to **test the audio circuit**.

1. Turn the SWIMSTART on. The LED indicator should be green, showing a good charge.
2. Make sure the speaker is plugged into the SWIMSTART and the volume is turned up full.
3. Remove the microphone from the SWIMSTART by unscrewing the locking ring and unplugging the microphone.
4. In the microphone socket on the SWIMSTART, you can see 4 pins. Wet a finger and rub it over the pins. You should hear static coming from the speaker.
5. If you **do hear static**, the problem is in the microphone, not in the audio circuit. Call IST at 800/835-2611 and request a Return Material Authorization (RMA) Number to return the microphone for repair. If you need a microphone quickly, an exchange microphone may be available. You can also purchase a new microphone, and have the old one repaired as a spare.
6. If you **do not hear static**, the problem could be in either the audio circuit in the SWIMSTART or in the speaker. Call IST at 800/835-2611 and request a Return Material Authorization (RMA) Number to return the entire SWIMSTART for repair. Be sure to include the microphone and speaker for complete testing. If you need a SWIMSTART quickly, an exchange start may be available.

If the **strobe is not flashing and/or there's no start tone** when you hold the push-to-talk button and push the start button on the SWIMSTART, the problem may be a faulty microphone or a fault in the strobe circuit in the start. Follow these steps to **test the strobe circuit**.

1. Turn the SWIMSTART on. The LED indicator should be green, showing a good charge.
2. Make sure the speaker is plugged into the SWIMSTART and the volume is turned up full.
3. Remove the microphone from the SWIMSTART by unscrewing the locking ring and unplugging the microphone.
4. In the microphone socket on the SWIMSTART, you can see 4 pins. Using a paper clip, screw driver or other conductive metal tool, lay it across the top 2 pins in the connector to complete a circuit between them. When the circuit is completed, the strobe should flash and the start tone should sound.
5. If you **do see the strobe and get a flash**, the problem is in the microphone, not in the strobe circuit. Call IST at 800/835-2611 and request a Return Material Authorization (RMA) Number to return the microphone for repair. If you need a microphone quickly, an exchange microphone may be available. You can also purchase a new microphone, and have the old one repaired as a spare.
6. If you **do not see the strobe or get a flash**, the problem is probably in the strobe circuit in the SWIMSTART. Call IST at 800/835-2611 and request a Return Material Authorization (RMA) Number to return the entire SWIMSTART for repair. Be sure to include the microphone and speaker for complete testing. If you need a SWIMSTART quickly, an exchange start may be available.