

# SPA-400 / 600 EXTERNAL MIC INTERRUPT MODIFICATION

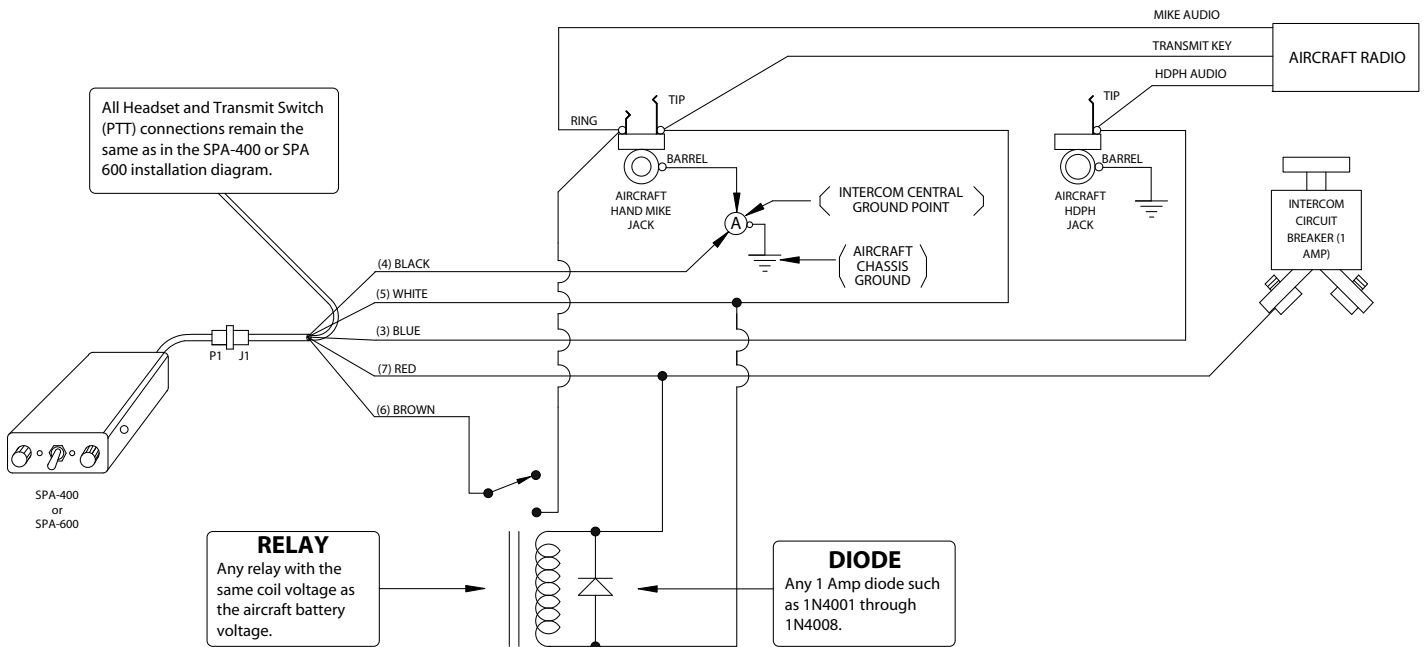
**SCOPE:** This modification applies to a Sigtronics SPA-400/600 or ST-400/600 installations.

**PROBLEM:** The intercom stays hot or stays live all the time no matter what position the intercom squelch is set to. Most common with Terra radio equipment, King KY-92 radios, and a few others.

**VERIFICATION:** Turn off or disconnect the aircraft radio(s) from the intercom. If the intercom squelch now works - the radio(s) are bypassing the intercom and providing a "HOT MIC" type intercom.

**SOLUTION:** There are two ways to fix this problem.

1. Pull out the SPA-400/600 unit and send into Sigtronics for an internal modification. Request a "MIC INTERRUPT MODIFICATION". There is a modest fee for this.
2. If time does not allow this, a small relay can be added to the installation that will accomplish the same thing. Follow the wiring schematic below.



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