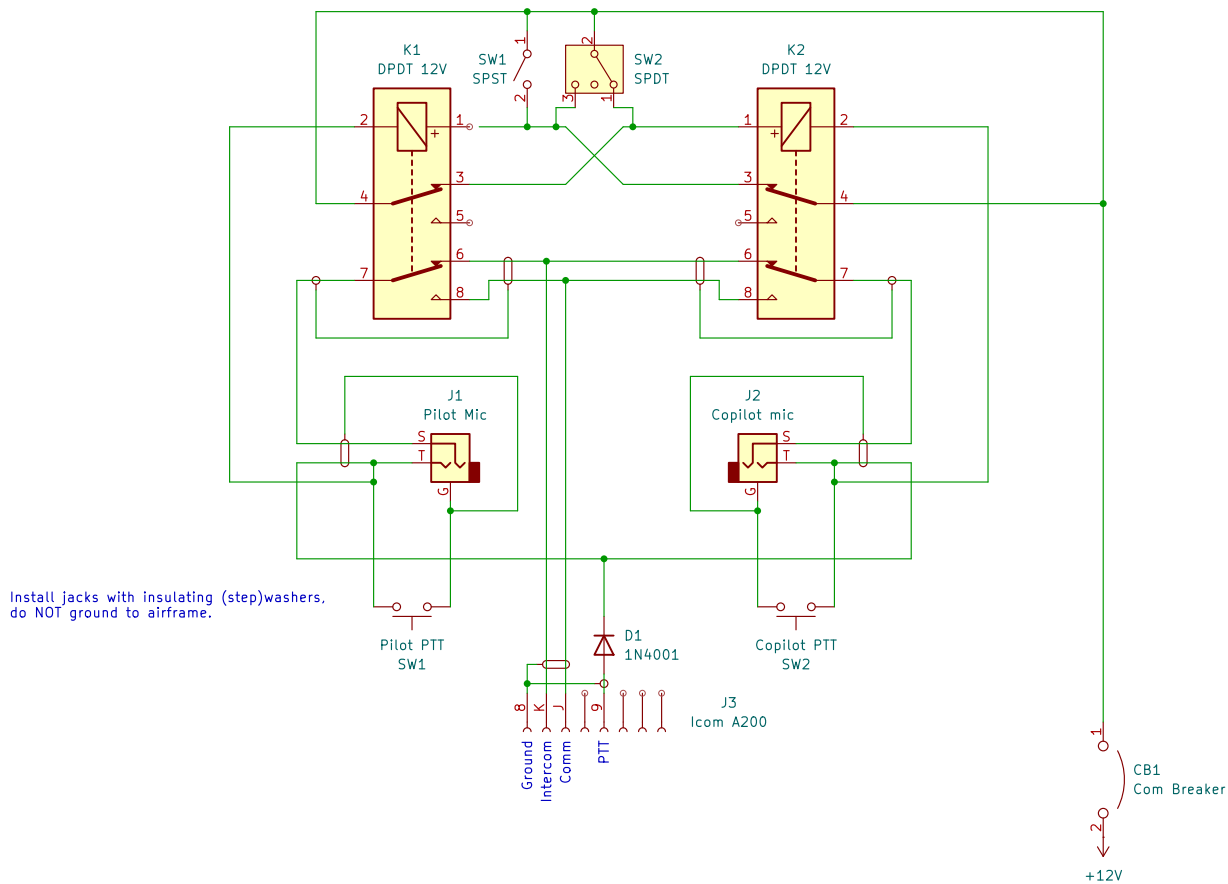


SW1 and SW2 are OPTIONAL priority switches.
Install EITHER SW1 OR SW2, or neither.



This circuit provides first-come, first-serve access to the transmitter by either pilot. The other pilot is locked out, and their mic signal remains on the intercom input, preventing interruption or stepping on the broadcast.

Even though the A200 has a protection diode at pin 9 (PTT), diode D1 is added as an additional precaution, preventing the radio from 'seeing' the +12V signal from the relays.

The PTT switches may be installed, or may be of the removable type that is plugged in between the headset and the mic jack, or both, i.e., a parallel switch does not affect functionality.

SW1 and SW2 are optional priority switches; SW1, when closed, gives PTT priority to the PIC. SW2 gives PTT priority to either the PIC, or the co-pilot, or neither (first-come, first-served).

Lionstone's Services
lionstones.ca

Sheet: /
File: IcomRelays.kicad_sch

Title: Icom A200 PTT Relays

Size: USLetter Date: 2026-06-12
KiCad E.D.A. 9.0.2

Rev: 1.0
Id: 1/1