Volume up command not working with Sony XAV series radios

**Issue:**

Volume up command will not work with the Sony XAV series of radios.

**Solution:**

Install a 100 Ohm resistor, included with the SWI-RC, inline with the Red wire found inside of the cable between the SWI-RC and the 3.5mm headphone jack connector. See below for a diagram of the modification needed.

1. Using a razor knife carefully remove a 4” section of the Black PVC jacket covering the wires.
2. Separate the three wires and cut the Red wire in half.
3. Solder one end of the Red wire to one side of a 100 Ohm resistor. Solder the other side of the resistor to the remaining loose Red wire.
4. Insulate the resistor and bare ends of the wire with heatshrink or electrical tape.
5. Insulate the 4” section where the PVC jacket was removed in step 1.

Doing this will put the value of the volume up command within the tolerance that the Sony XAV radio is looking for. Unfortunately doing this will bump the value of the Sony “Band” command out of tolerance and it will no longer work.

**Note:** When using the SWI-RC the answer call command can not be performed via the steering wheel controls when using the Sony XAV-AX100 and XAV-AX200 radios.