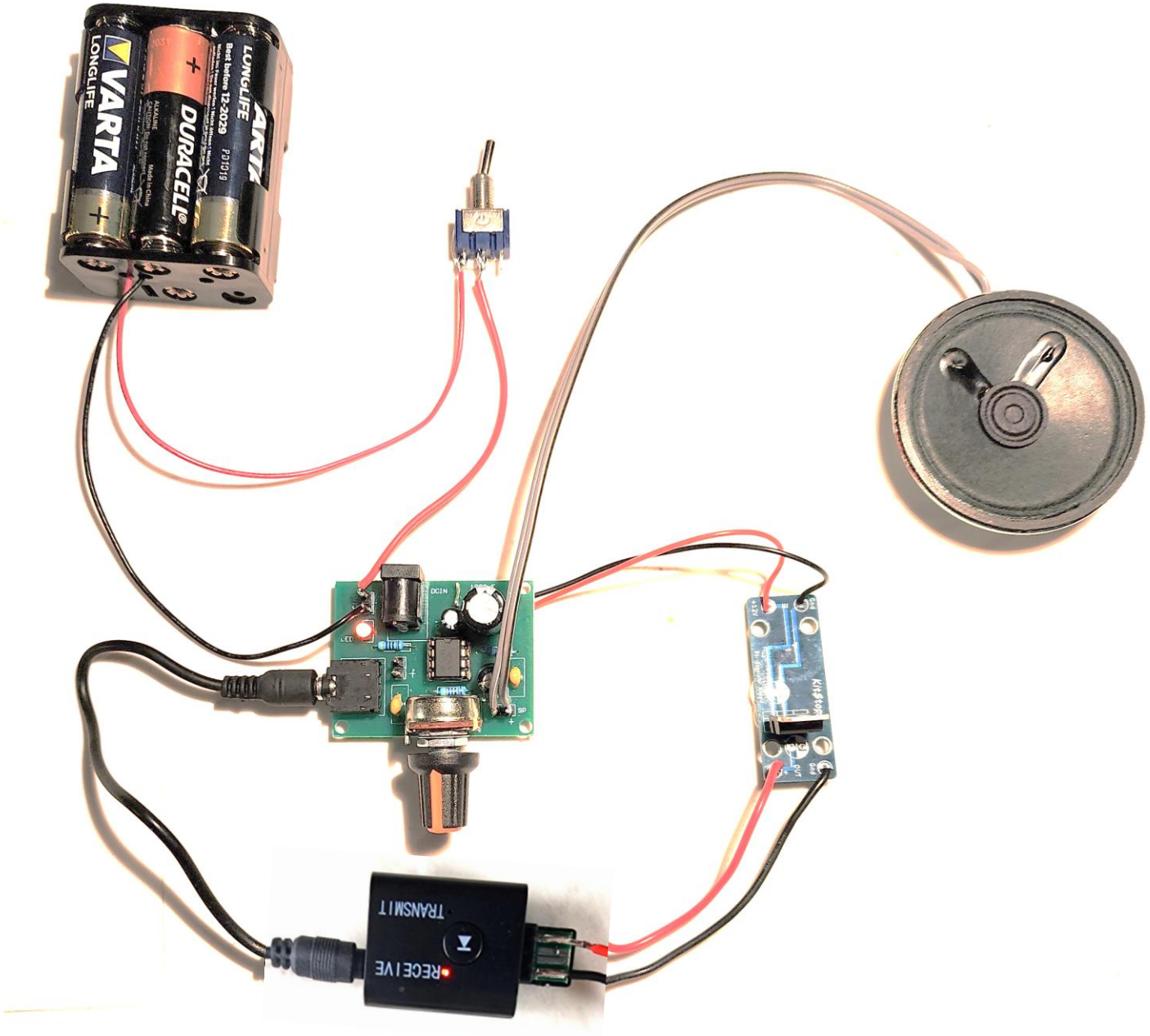
A self-paced Guide to assembling the KSBTS-03 Bluetooth Speaker Project .

What we are making ….



Refer to separate Documents for further detailed support:

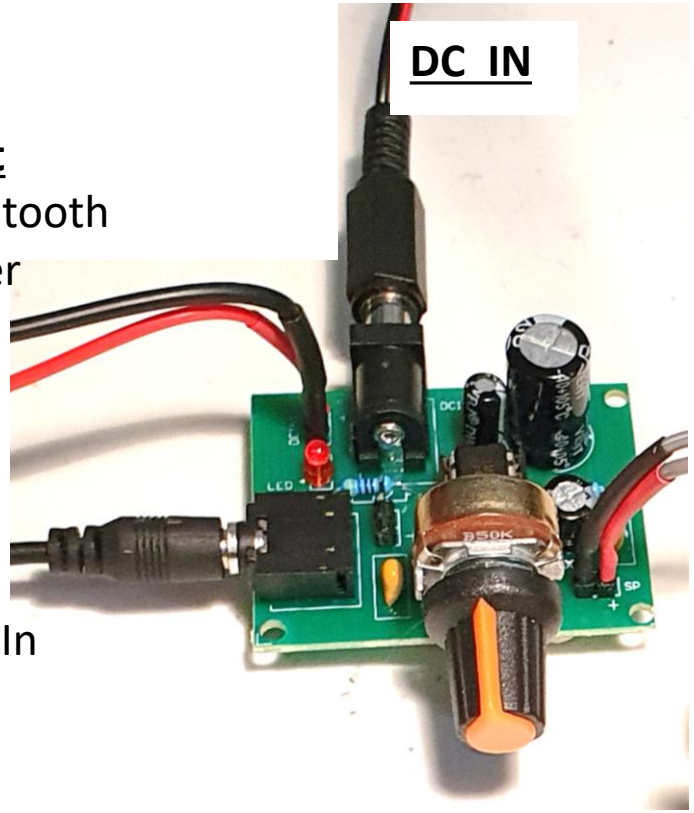
Doc 2 KSAA03 Student instructions for Assembly.pdf

Doc 3 KSBB-BT04 Bluetooth Receiver Assembly - Teacher's Guide .pdf

Doc 5 A self-paced guide to Wiring the ON-OFF switch .pdf

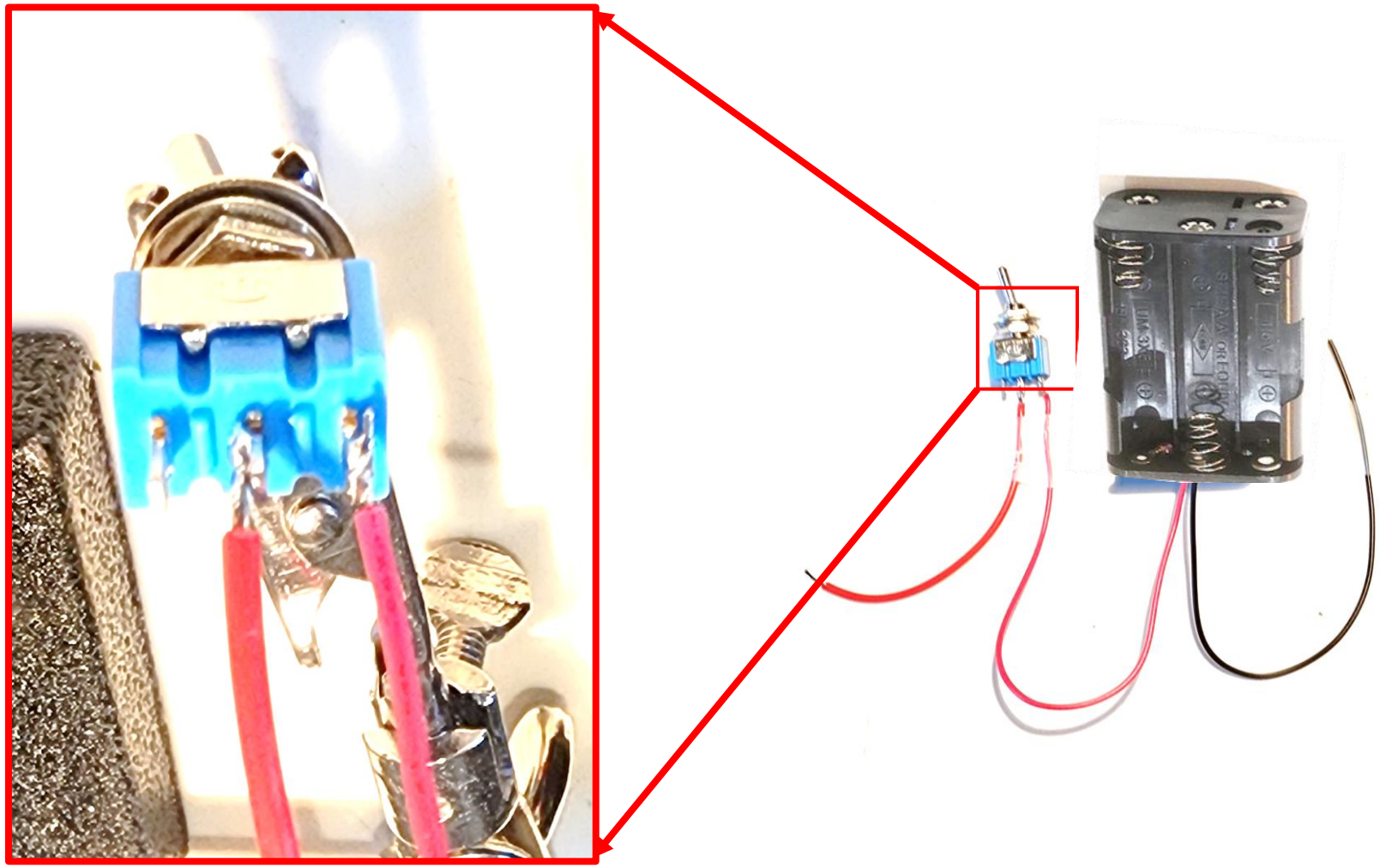
Doc 6 iPhone Connection Guide .pdf

After completing “Doc 2 KSAA03 Student instructions for Assembly.pdf”
The Audio Amplifier is now ready for connections …..



Note for DC IN , some schools prefer to solder wires directly to underneath of PCB , and do not bother to use a DC Power Plug

Positive supply wire attached to the Switch.
Note red lead from Battery is usually switched.



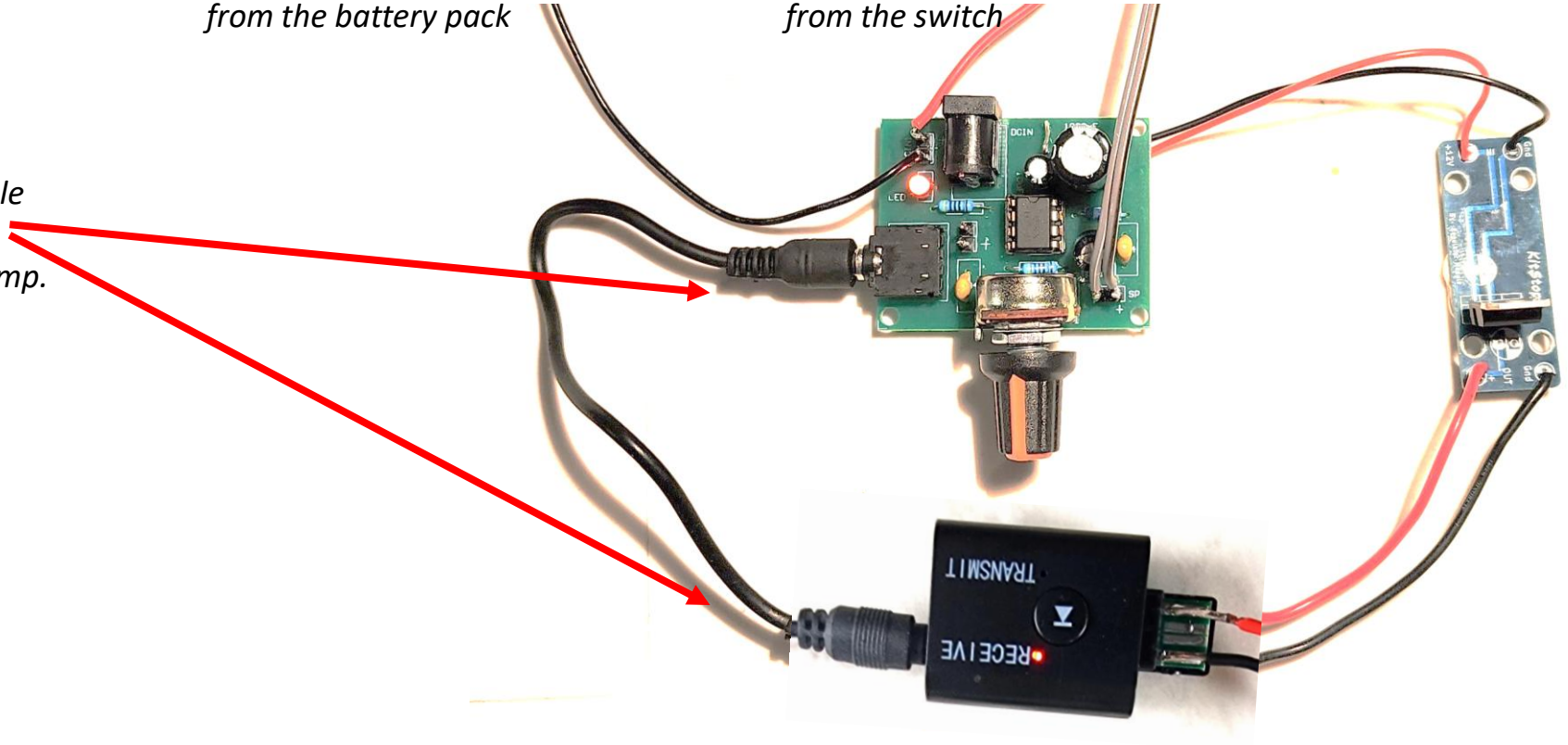
For further details, refer to “Doc 5 A self-paced guide to Wiring the ON-OFF switch .pdf “

Audio input cable from Bluetooth Dongle connected

Negative power supply wire from the battery pack

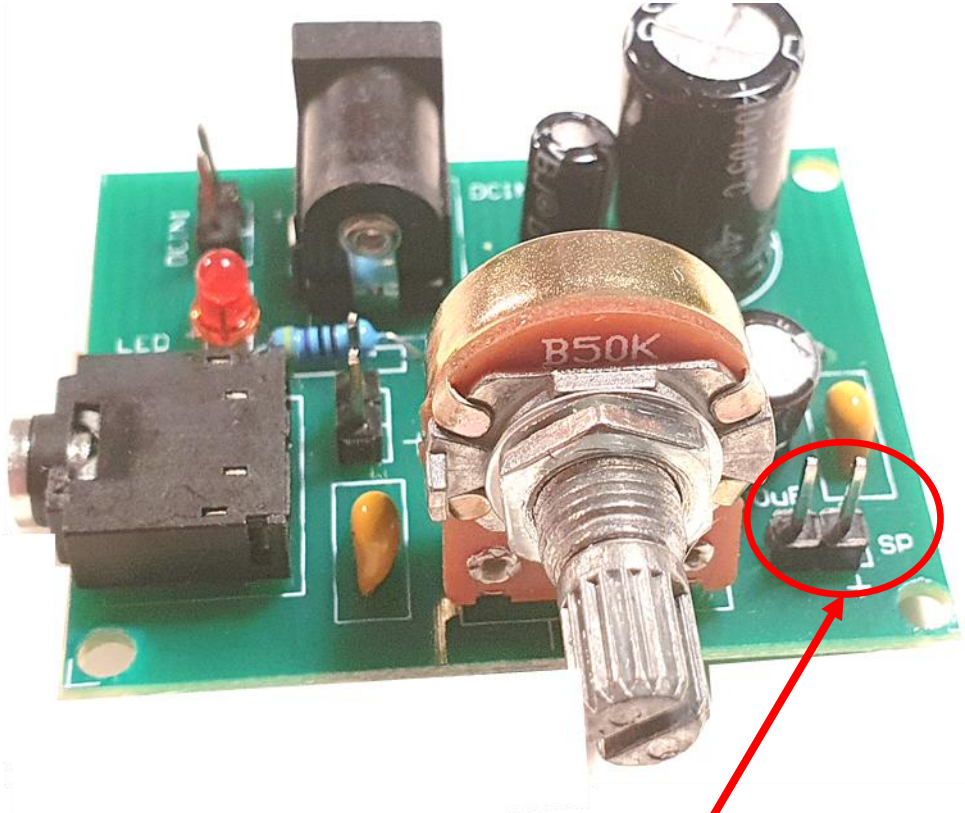
Positive power supply from the switch

Showing the Audio cable from the Bluetooth Module to the Audio Amp.

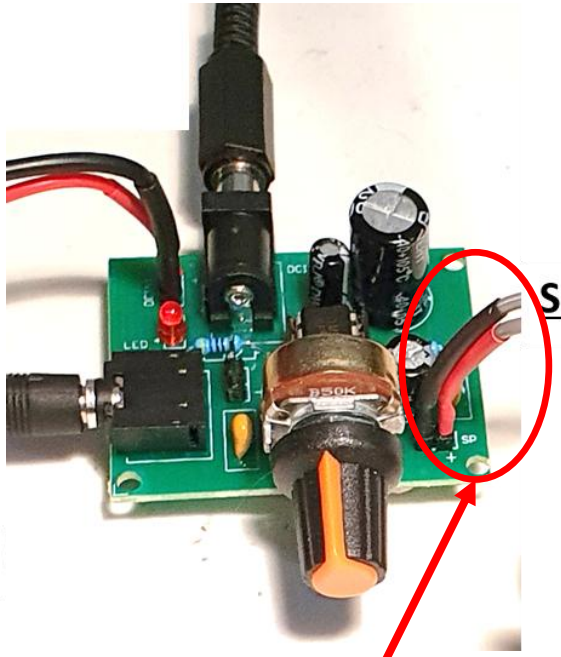


Please observe that in this example, the student has soldered the power supply wires from the battery to the pins on top of the PCB, and then the supply wires to the Bluetooth Dongle have been soldered to the underneath of PCB. They have not bothered to use a DC Power Plug.

Speaker wires now attached to KSAA03 Amplifier .

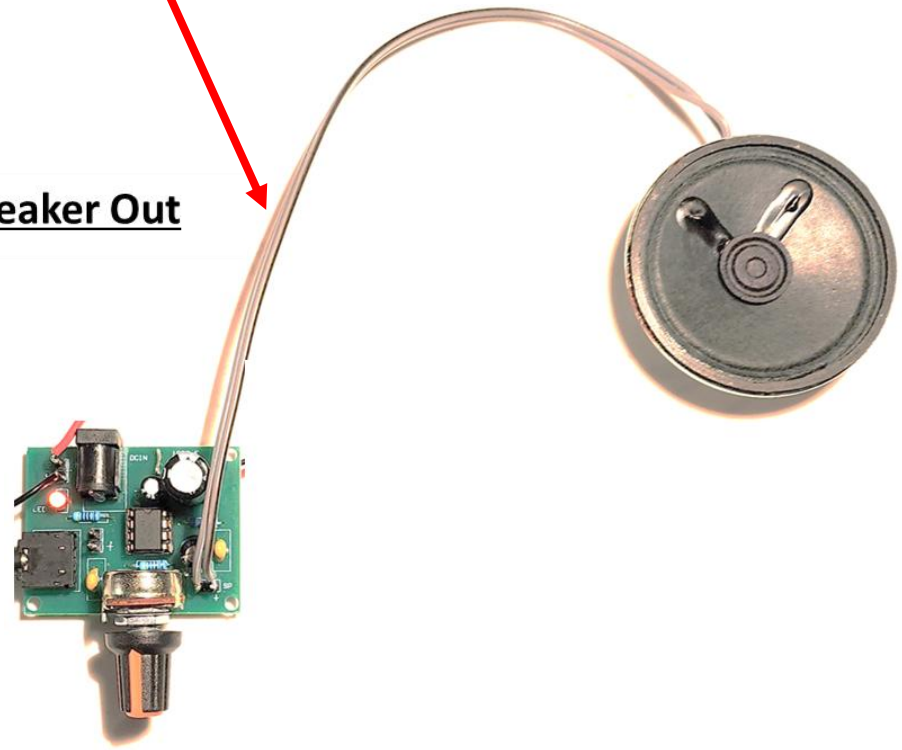


Identifying the Speaker Output pins of the KSAA03 Amplifier.

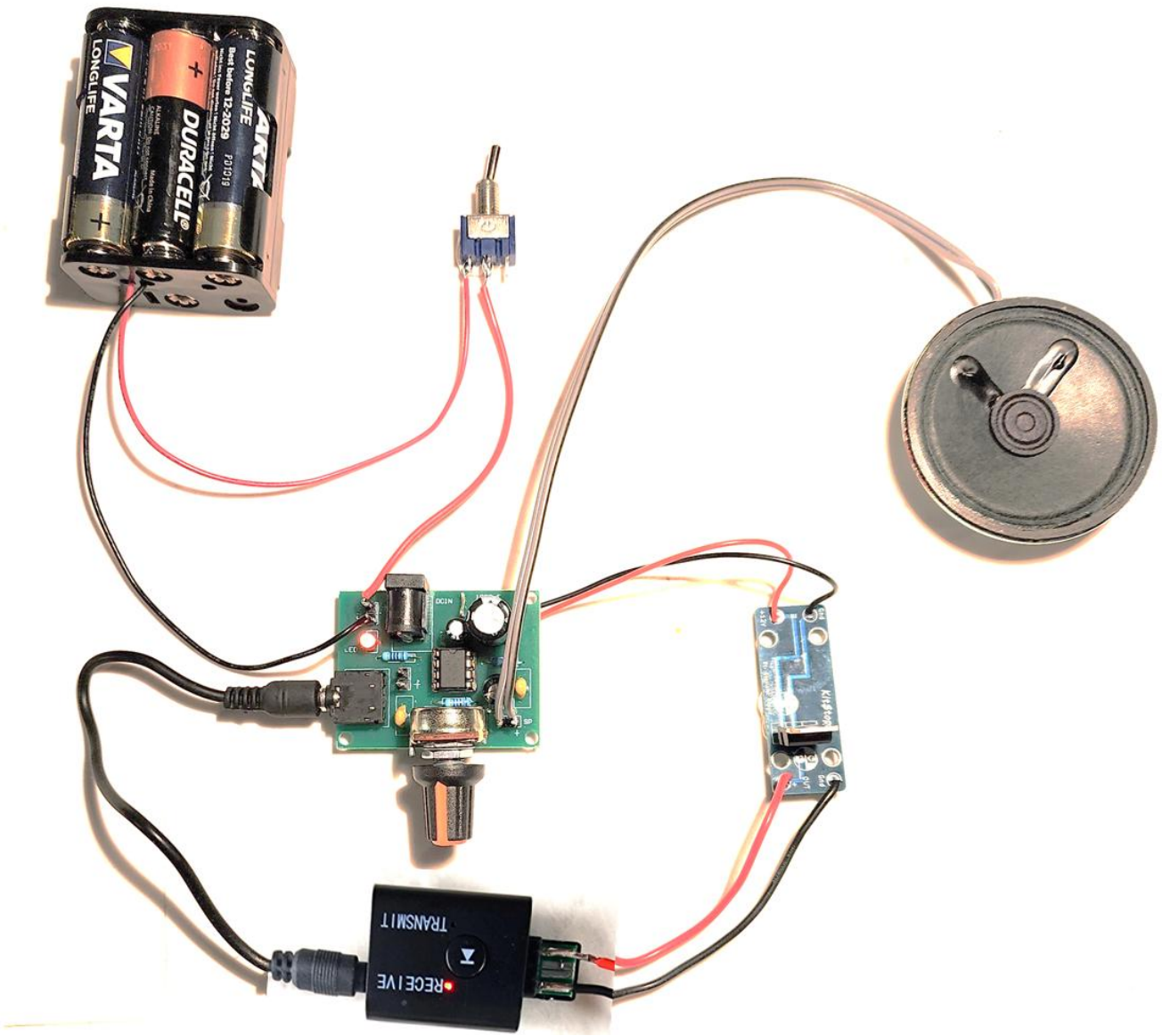


Close-up of Speaker wires attached to PCB pins.

Speaker Out



KSBTS03 Bluetooth Speaker Project ready for testing



Bluetooth module (KSBB-BT04-V2 in this photo) connected