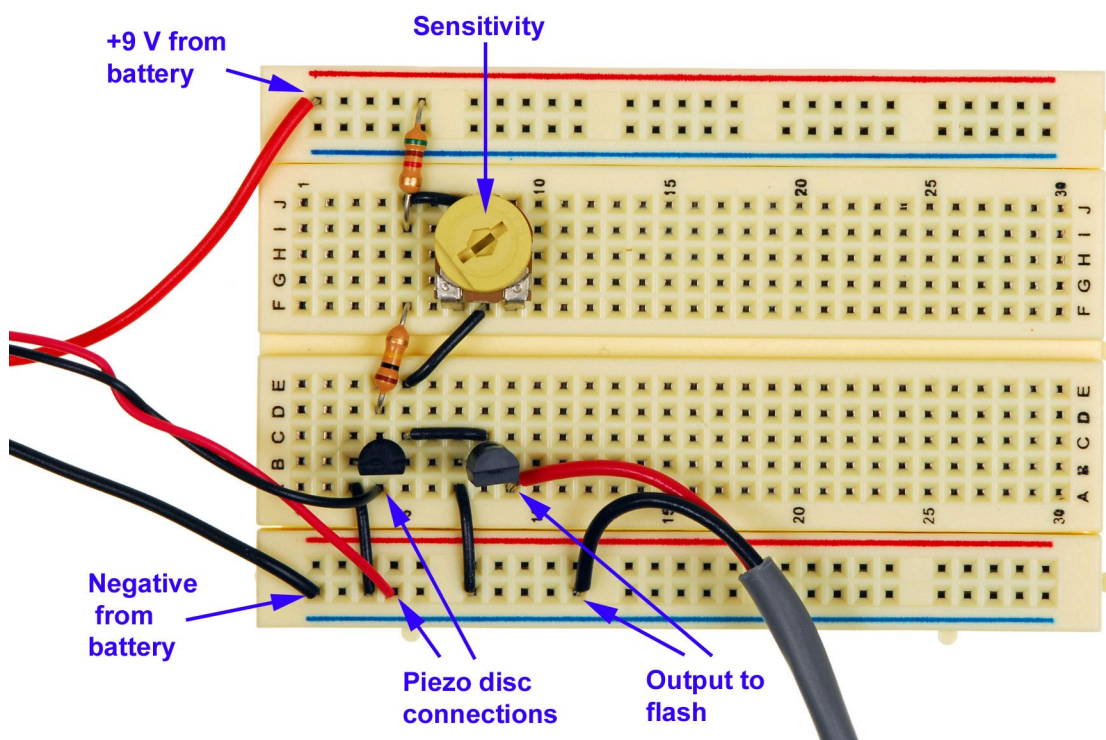


Instructions for Using the Assembled Sound Trigger (SK2-A)



Battery connection

The entire column of holes on the bottom along the blue line is negative (ground). Likewise, the entire column along the red line on the top is +9 V. These two columns are where the red and black cables from the battery clip are connected.

The circuit runs on a 9-V battery. Connect the wires from the battery clip to the +9 V and ground columns. Disconnect the battery when the circuit is not in use. You may also choose to use a 9-V AC/DC adapter to power the unit. Any AC/DC adapter that provides up to an ampere of direct current at 9 V should do. Here's an example: http://hiviz.com/kits/ACDC_adapter.htm.

Connecting the piezo element

Connect the black wire of the piezo element to 4A and the red wire to the blue (ground) column.

Connecting the output cable

The red wire of the gray output cable should be connected to 9A and the black wire to the blue (ground) column. Connect the other end of the output cable to the PC cord from your flash unit. See the following link for illustrated instructions on splicing the output cable to a PC cord or Flash-to-PC adapter:

http://hiviz.com/kits/instructions/flash_info.htm.

The output may also be connected to the remote shutter cord of a camera in order to trigger the camera. See this link showing how to prepare the cable: http://hiviz.com/kits/instructions/rsr_inst.htm.

Adjusting sensitivity

Connect a flash unit to the direct output of the sound trigger (9A to ground). Turn the 1k potentiometer (yellow knob) about three-quarters of the way clockwise for a typical setting. Turn the knob even further clockwise to reduce sensitivity.

Replacing components

Due to the nature of an open circuit on a breadboard, components may become dislodged and need to be resealed. Complete instructions for component placement can be found at the link below.

<http://hiviz.com/kits/instructions/sk2-manual2.htm>