

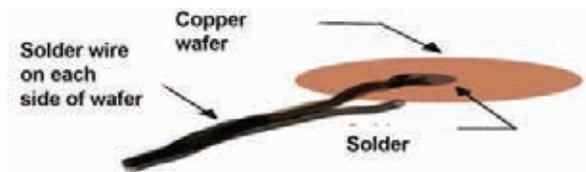
Make 'n Take Sheet

Discover How Easy It Is To Make Your Own Assistive Technology!

ABLE
Tech

Battery Device Adapter / Interrupter

A battery device adapter converts any battery operated toy or appliance into a switch-activated device – using AAA, AA, C and/or D batteries.



Materials:

Soldering iron

Solder, rosin

Wire strippers

Sand paper

Speaker wire, 2 conductor,
24 gauge stranded

File

Needle-nose pliers

Scissors

Wire cutters

Double stick tape

Brass or copper sheets, 0.005-0.010
inch thick or gold ear posts

1/8" mono in-line phone jack,
2 conductor



Directions:

1. Cut speaker wire to desired length (9 to 12 inches). Prepare ends by separating and stripping one-fourth inch insulation off of wire.
2. Prepare two gold circles/disks. Remove posts and file smooth.
3. Solder the conductors at one end of the wire to the disks – one conductor to each disk. Be sure to bring the plastic insulation right up to the edge of the disk, but not onto it. Try to keep the solder and the wire flush with the disk and close to the edge.
4. Lay two layers of double-stick tape across the “bare” side of one of the disks. Each piece should extend past the edge of the disk and should have no wrinkles.
5. Stick the untaped disk (unsoldered side) onto the taped disk (unsoldered side) so that the wires are aligned (coming off in the same direction). Trim excess tape with scissors leaving a one-sixteenth inch rim all the way around the disks.
6. Slip the jack's plastic cover over the other end of the wire (check cover orientation). Twist wire ends, thread through hole at base of jack and connect conductor wire with solder. Connect the other conductor wire to the other end of jack in the same manner. Screw the plastic cover back into place.
7. Test the interrupter. If it does not work properly, ask for assistance in troubleshooting.

Oklahoma ABLE Tech, the statewide Assistive Technology Act Program, is funded through the Administration for Community Living of the U.S. Department of Health and Human Services, and maintains coordination and collaboration efforts with partners throughout the State of Oklahoma.

To contact Oklahoma ABLE Tech call 1-800-257-1705