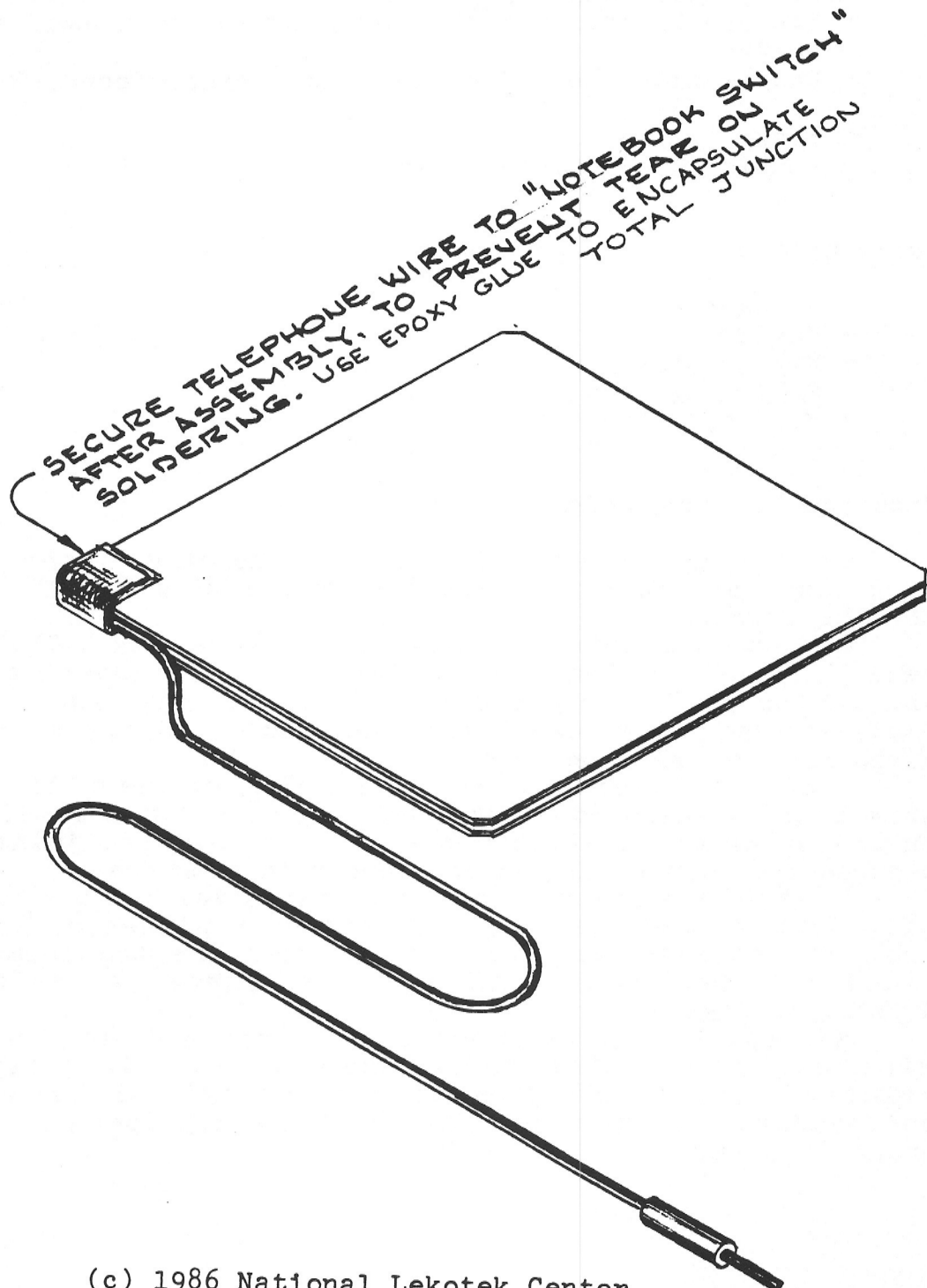


NOTEBOOK SWITCH

Here is a "thinnest ever" switch that operates as well as any bigger or heavier switch can. This one is perfect for the child capable of only the lightest touch or body roll. It is also durable, reasonable in cost and not hard to make.



Materials needed:

- One K-M (Kingsbacher-Murphy Co) T-2311-05-D snap ring plastic notebook binder. This has a single layer flexible plastic cover.
- Telephone cable, Radio Shack #278-365, about 6'
- Plug, Radio Shack #274-286
- Two pieces 6" x 5 5/8" x .003" thick brass shim stock
- Solder
- Double-sided adhesive foam tape, nine pieces, Radio Shack #64-2343
- Epoxy cement
- Double-sided "Scotch" tape

Tools needed:

- Scissors
- Knife
- Wire cutter
- Soldering iron
- Pliers, ruler, etc.

Construction suggestions:

Cut the back and front from the snap ring binder. Cut each back and each front into two pieces 6 1/8" x 5 3/4". Nip 1/8" off the corners.

Cut the shim stock to make two pieces 6" x 5 5/8" for each switch. Cut a 6' length of telephone cable and strip back the insulation 1/2" on one end and 1" on the other end. Twist the black and red wires together on each end and the green and yellow wires together also on each end.

Solder one pair of wires to a corner of one of the pieces of shim stock. Solder the other pair of wires to a similar corner on the other piece of shim stock. The soldered joint is to be between the shim stock and the corner in each case.

Fasten the shim stock to the cover, top and bottom, with double-sided tape. Place the nine pieces of 3/4" x 3/4" double-sided adhesive foam tape between the top shim-and-cover piece and the bottom shim-and-cover piece, as shown in the drawing on page 3.

Mix up about a teaspoonful of epoxy and, making sure the wires are not touching, spread the epoxy mix liberally over the soldered joint and the covers so the whole corner is encapsulated. Put aside to set so the epoxy does not "run" into unwanted areas.

