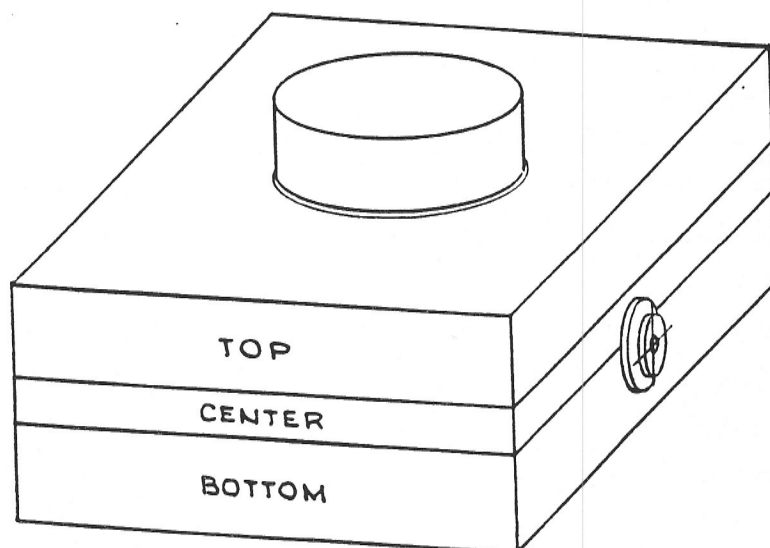


PUSH-BUTTON SWITCH  
FOR REMOTE OPERATION

This is a switch with a large push-button. It is used with a connecting cord that has a plug on each end (Lekotek Plan #9). One plug is pushed into the jack on one side of the switch box; the other is pushed into the jack of a battery-operated toy, tape player, etc. It is also used as part of the signaling system in Lekotek Plan #7.

The switch uses the protective plastic top from a pressure can of spray paint or shaving cream. Either size top may be used. The holes in the top and center pieces are cut to provide a slightly loose fit for whichever size top is used. These holes are cut with an adjustable circle cutter (Stanley tools).

When assembled for use, the plastic top sits on the switch held upright by an "S" bracket. The top is guided up and down by the holes in the top and center pieces. The height of the "S" bracket permits the switch to be completely activated and also permits the cap to reach the bottom before putting strain on the switch. In use, the switch will absorb quite a bit of slamming and banging.



Before final assembly, the switch box should be painted a bright color contrasting with the color of the plastic cap. Lead-free paints should be used.

PUSH-BUTTON SWITCH  
FOR REMOTE OPERATION

Materials needed:

- Protective plastic top from pressure can of paint or shaving cream, etc.
- 2 pieces of wood: 4" x 4" x 3/4"
- 1 piece of wood: 4" x 4" x 3/8"
- 2 flat-head Phillips tapping screws: 1½" x #6
- Jack: Radio Shack #274-297
- Switch: Radio Shack #275-1555
- Piece of aluminum .027" thick or equivalent; size 2½" x 5/8"
- 1 sheet metal screw: 3/8" x #6
- #20 gauge wire: Radio Shack #278-1307
- Epoxy glue
- Varathane or equivalent enamel in a bright color
- Rosin core solder

Tools needed:

- Table saw
- Sander
- Small soldering iron
- Set of drill bits
- Adjustable circle cutter
- Hammer
- Ruler
- Square
- Brush
- Screwdriver

