

SENSORY STIMULATION BOX



This item is to alert the resident who is passive or sleepy. It has buttons to push that turn on a light or a sound. It is a good intervention to get residents to follow a one-step or two-step instruction. It is also a useful distraction item for residents who are intent on taking medical equipment from the nursing station or treatment cart.

Cues for action: “Look at this little box. You can push buttons and turn it on” *Demonstrate-* Pushing button number one to turn on the light, then pushing button number two to turn on the buzzer. Then hand the electronic box to the resident and ask, “Can you turn on the light? Can you make the buzzer sound?” Try it!

Promotes:

1. Use of eye-hand coordination.
2. Following simple instructions.
3. Has an alerting effect on sleepy or passive residents.

Discussion:

Did you have electric lights in your home?
Do you remember when you first got them?
Did you ever do any wiring in your home?
Does this noise remind you of a doorbell?
Did you have friends and relatives that would come to visit at your home?

Instructions:

You can get all items needed for this project at Radio Shack. Do not substitute for the black hard plastic video case, as the putty will not adhere to other types of plastic.

Items Needed	# Needed	Catalog No.
Hard plastic video case	1	None
AA battery holder/snap	1	270-382
AA batteries	2	None
Black & red non-stranded wire: size 18	2 ft/each	None
Radio Shack push buttons 3 amps	2	275-609

Items Needed	# Needed	Catalog No.
Radio Shack LED light	1	276-086
Radio Shack Solid State buzzer	1	273-060A
Mold glue putty	1 cont.	None
Black electrical tape	1 roll	None

Directions: Drill 4 holes 3/8 inch in size exactly 1 1/2 inches from the side and the bottom edge of the video case (see diagram on next page). Place noisemaker, light, & two push buttons in holes, so they are on the outside of the bottom of the video case box. (Opposite from the cover that opens) Complete proper wiring according to wiring diagram. Some light soldering will be required on wiring. Place mold glue putty on the inside of the cover that opens. Place battery pack on putty and put batteries in. Close the lid to the video case and electrical tape the edges so residents cannot access the inside components. Label the buttons, light, and noisemaker for residents to read. Xerox the lettering below and tape the labels on the outside cover of the case with clear tape.

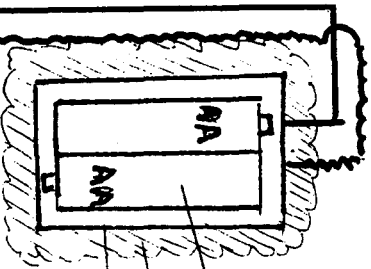
Push Button →

Push Button →

Light

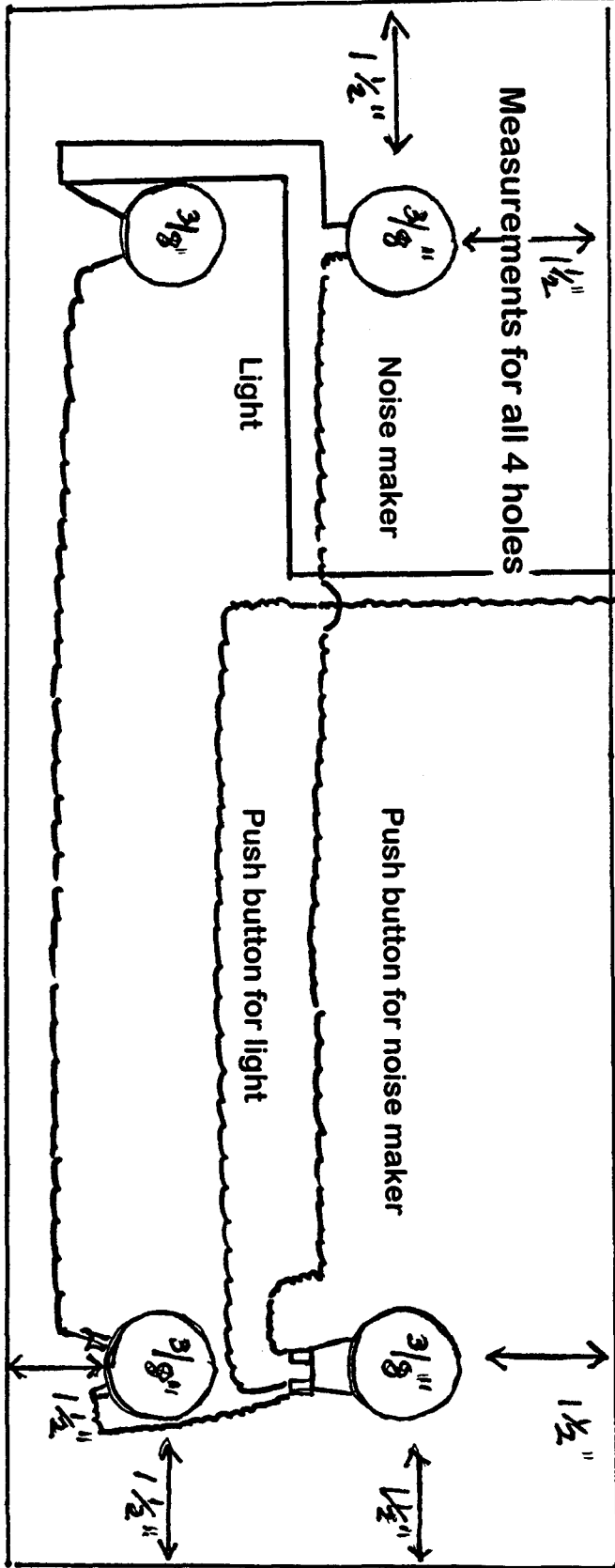
Noise Maker

Inside view of top of video case



- 2 AA Batteries
- Mold Glue Putty
- AA Battery holder/snap

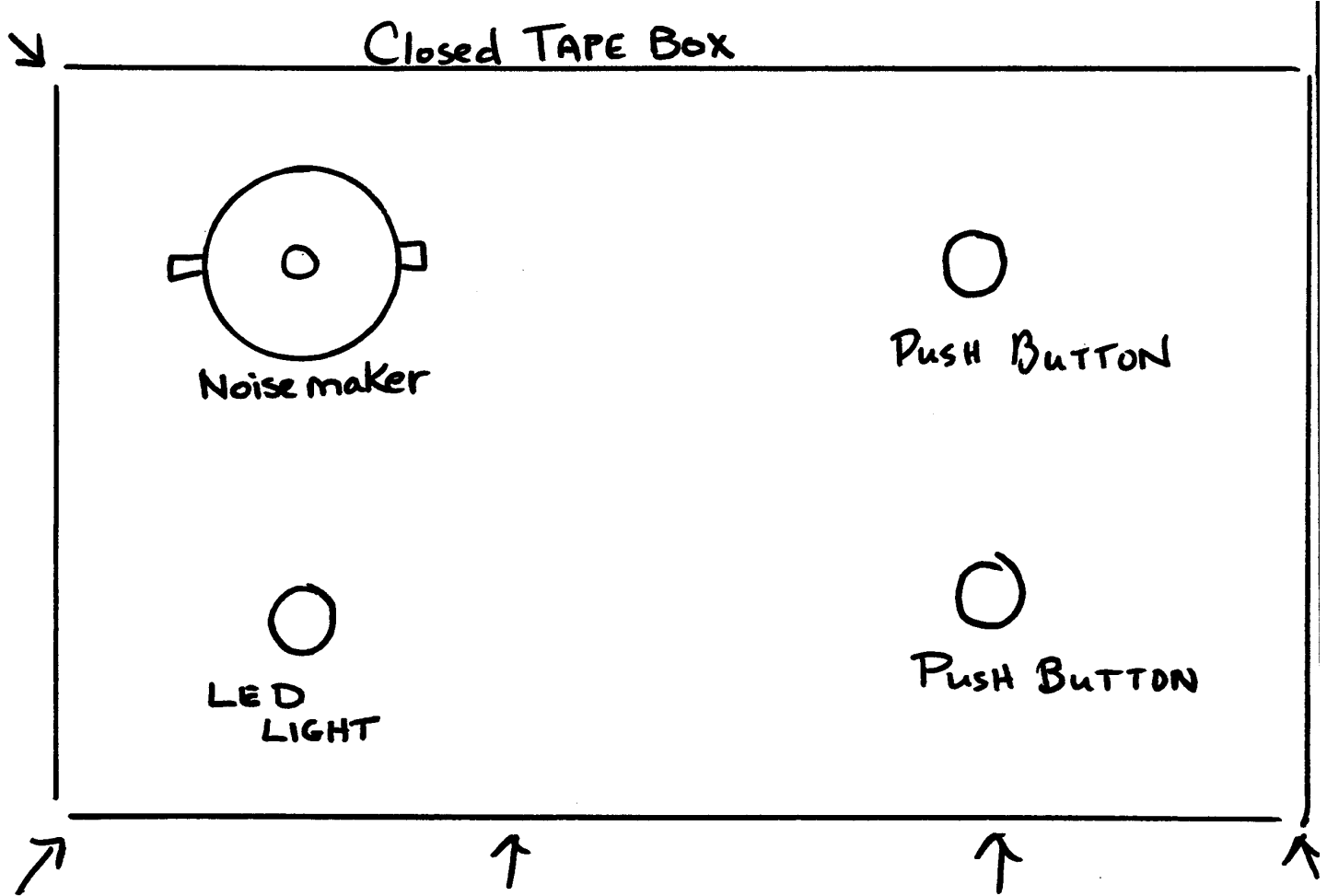
Measurements for all 4 holes



Black wire ———

Red wire ~~~~~

Finished Electronic Stim Box



Seal the tape box with black electrical tape so residents cannot open the case or expose the wiring.

Buettner, L. & Greenstein, D. (1997). Simple Pleasures: A multi-level sensorimotor intervention for nursing home residents with dementia. (Training manual and instructions)