

# Sign Language Glove

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# It can help making deaf people's life better

- This glove prints some previously programmed messages depending on the movement of person's fingers or the shape this person is making by his fingers







# Used Drivers

- ADC
- LCD



**It's  
Working  
Concept**

# Product Structure

## Glove

The glove consists of 5 bendable resistors that act as sensors for the fingers movements. The bending translates to voltage change which the microcontroller reads.

## LCD

Prints message depending on the fingers position.

## ATMEGA-32

The logic handling microcontroller that connects all of the components together.



**All the files are  
found on  
GitHub regarding  
simulation and  
code**

```
object to mirror_
mirror_mod.mirror_object

operation == "MIRROR_X":
    mirror_mod.use_x = True
    mirror_mod.use_y = False
    mirror_mod.use_z = False
    operation == "MIRROR_Y":
        mirror_mod.use_x = False
        mirror_mod.use_y = True
        mirror_mod.use_z = False
    operation == "MIRROR_Z":
        mirror_mod.use_x = False
        mirror_mod.use_y = False
        mirror_mod.use_z = True

selection at the end -add
mirror_ob.select= 1
mirror_ob.select=1
context.scene.objects.active
("Selected" + str(modifier
mirror_ob.select = 0
bpy.context.selected_ob
data.objects[one.name].select

print("please select exactly

-- OPERATOR CLASSES -----

types.Operator):
    X mirror to the selected
    object.mirror_mirror_x"
    mirror X"

is not
```

# Thank you

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