

## A Tactile Shape Display Using RC Servomotors

### 【Summary】:

Can users recognize 3D features only from electrical vibration feedback without any visual information.

### 【Device】:

The Feelscreen development kit was used as an electrostatic friction display, which included an electrostatic film covering a commercial tablet (Google Nexus 7).

Rub-pen because you find that the stylus and bare fingers are very similar in electrical vibration.



Figure 1. The full tactile display

### 【Conclusion】:

Research shows that users cannot naturally recognize electrical vibrations. 3D shaped graphics have no visual cues, but they can have acceptable performance if given clear guidance.