



Design and Implementation of Air Mouse

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Abstract:

In this modern world, computers are being used by a large number of people and its demand is still growing day by day. Over the years many devices are being designed to make an easy interaction between human and computer interaction has made user interface technology more important. We know that the presenters always need somebody to help him/her to control the power point or they personally have to walk back to their computer/PC and do the changes accordingly, which waste a lot of time and also it is a kind of interrupt to the presentation. So, our idea is to design a wireless wearable mouse, which is small and light and helpful to the presenters to control computer/projector screen away from their PCs even without desk!

Keywords: Wireless wearable mouse, Arduino, Computer screen, Hand gestures, Accelerometer, Bluetooth mouse, Human Computer Interaction (HCI)

Full text: <https://sites.google.com/a/ijrit.com/papers/may5/V6I506.pdf>