**Mouse**

The first ball mouse was built at Xerox in 1972. It worked quite simple: the ball turns and two rollers within the X and Y axis turns with it. Sensor gather the data from turning rollers and converts it to X and Y vectors. It was mechanical and didn`t served long time, because of the moving parts. There comes the optical mouse. It uses one or more LEDs and an imaging array of photodiodes to detect movement relative to the underlying surface. It has no moving parts and no any ball in there. So it became lighter and more precisely. There are some other types, but they didn`t get such a big use nowadays.