Electronic Piano

DECRIPTION

A simple electronic toy piano can be easily constructed using the popular 555 timer IC. 555 Timer can be easily wired as astable, monostable or bistable multivibator.

We all know that Sound is a Mechanical Wave as it is produced by to and fro movement of particles of the medium. Displacement of particles are in the same direction as propagation of sound waves, so sound is a Longitudinal Wave. The to and fro motion of particles in the medium creates compression (high pressure) and rarefactions (low pressure) in the medium, so sound is a Pressure Wave.

Tools:-

- 555 timer
- pushbuttons
- 100 nF capacitor
- Resistor
- battery connector
- breadboard
- 1.5V battery