

# USEFUL CIRCUITS

## Single input alarm circuit

This very simple alarm uses a single sensor. The sensor could be a tilt switch, pressure mat or a reed switch.

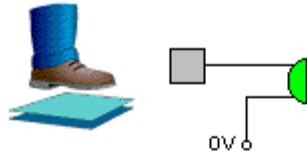


Fig 1.1

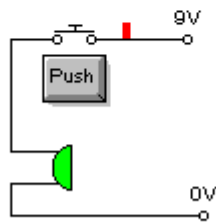


Fig 1.2

Fig 1.1 shows the circuit using a pressure mat as the sensor. Fig 1.2 shows the actual circuit with a push switch representing the input sensor.

The disadvantage with this circuit is that the single sensor could be by-passed. For example a burglar could step over the pressure mat. What is really needed is an alarm with more than one input sensor.