



PRODUCT NAME : Condenser Microphone

PRICE : Rs 12.00

SKU : RM0304



DESCRIPTION

The **condenser microphone**, or **capacitor microphone** or **electrostatic microphone** is a device which converting from sound energy into electrical energy. It's working as a parallel plate capacitor and works on the principle of a variable capacitance. It consists of two plates, one fixed (called the back plate) and the other moveable (called Diaphragm) with a small gap between them. An electric potential charges the plate. When sound strikes the diaphragm it starts moving, thereby changing the capacitance between the plates which in turn results in a variable electric current to flow

Features of Condenser Microphone:

- Small in size.
- Low cost.
- Easy to use.
- Light in weight.

Applications of Condenser Microphone:

- It is used in Amplifier.
- It is used in Clap switch project.
- It is used in sound recognition module.