



Experimental Training Board has been designed specifically for the study of Bistable Multivibrator circuit built around transistors. A bistable circuit is widely used in digital circuits.

Practical experience on these boards carries great educative value for Science and Engineering Students.

Object:

01. To study the operation of a Transistor Bistable Multivibrator.
02. To trigger the Bistable Multivibrator with Square wave signal and to compare output frequency with the trigger waveform frequency.

Features:

The board consists of the following built-in parts :

01. +9V D.C. at 50mA, IC regulated Power Supply internally connected.
02. Two NPN transistors.
- * Adequate no. of other electronic components.
- * Mains ON/OFF switch, Fuse and Jewel light.
- * The unit is operative on 230V \pm 10% at 50Hz A.C. Mains.
- * Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length $\frac{1}{2}$ metre.
- * Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
- * Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- * Weight : 3 Kg. (Approx.)
- * Dimension : W 340 x H 110 x D210

Other Apparatus Required:

- * Sine Square Wave Oscillator
- * Cathode Ray Oscilloscope 20MHz

Note: Specifications are subject to change.

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