



Experimental Training Board has been designed specifically for the study of Schmitt's FET Binary Circuit. Study of this circuit is very useful for digital electronics.

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

Object:

To study the Schmitt's FET Binary circuit :

01. To find out the loop gain of the binary circuit and study the output waveform for different amplitudes of audio signal.
02. To study the supply voltage change on the output waveform.
03. To study the effect of the frequency variation on the output waveform.

Features:

The board consists of the following built-in parts :

01. 0-9V D.C. at 50mA, continuously variable regulated Power Supply.
 02. Two Field Effect Transistors.
 03. Adequate no. of other electronic components.
 04. 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 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.

Other Apparatus Required:

- * Decade Audio Frequency Generator
- * Cathode Ray Oscilloscope 20MHz

Note: Specifications are subject to change.

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