



Experimental Training Board has been designed specifically for the study of Two Stage Transformer Coupled Amplifier. With the help of this Training Board one can know about the different aspects and need for such as two stage transformer coupled transistor amplifier and its characteristics and also compare with that of two stage R.C. Coupled amplifier.

Practical experience on this board carries great educative value for Science and Engineering Students.

Object:

To study the performance characteristics of a Two Stage Transformer Coupled Amplifier :

01. To plot frequency response characteristics.
02. To find the lower & upper cut-off frequency & find out the band-width of the amplifier.
03. To compare the frequency response characteristics of two stage transformer coupled amplifier with that of two stage R.C. Coupled amplifier

Features:

The board consists of the following built-in parts :

01. -12V D.C. at 50mA, IC Regulated Power Supply internally connected.
 02. Two transistors.
 03. Set of Audio Transformer.
 04. Adequate no. of other Electronic Components.
 05. 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:

- * Audio Frequency Generator
- * A.C. Millivoltmeter
- * Decade Resistance Box
- * Cathode Ray Oscilloscope 20MH

Note: Specifications are subject to change.

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