



Experimental Training Board has been designed specifically for the study of Two Stage R-C Coupled Transistor Amplifier.

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

**Object:**

Study of the characteristics of Two Stage R-C Coupled Transistor Amplifier :

01. Study of the overload characteristics of the amplifier.
02. Study of the frequency response of the individual as well as the cascade amplifier.
03. Calculate the output and input impedance of the individual stages as well as that of cascade amplifier.

**Features:**

The board consists of the following built in parts :

01. -12V D.C. IC regulated Power Supply internally connected.
  02. Two PNP 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  $\frac{1}{2}$  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.

**Other Apparatus Required:**

- \* Decade Audio Frequency Generator
- \* A.C. Millivoltmeter
- \* Decade Resistance Box

Note: Specifications are subject to change.

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