



Experimental Training Board has been designed specifically to study the characteristics of Wide Band Amplifier in terms of Frequency Response and Gain.

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

**Object:**

01. To study the Wide Band Amplifier with and without Feedback.
02. To draw the frequency response of the Amplifier.
03. To obtain the input and output Impedance of the Amplifier Stage.

**Features:**

The board consists of the following built-in parts :

01. +24V DC at 50mA, IC regulated Power Supply internally connected.
  02. Two Transistors.
  03. SPST switch for selecting and deselecting the feedback network.
  04. Potentiometer and 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  $\frac{1}{2}$  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 1
- \* R.F. Signal Generator
- \* A.C. Millivoltmeter

Note: Specifications are subject to change.

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