



Experimental Training Board has been designed specifically for the study of Cascode Amplifier. Various parameters of a Cascode Amplifier can be measured on this training board.

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

Object:

To study Cascode Amplifier or CE-CB configuration for AC analysis and to determine the following parameters:

01. The input resistance
02. The output resistance
03. The overall voltage gain
04. The overall current gain

Features:

The board consists of the following built-in parts:

01. +12 V DC at 50 mA, IC Regulated Power Supply internally connected.
 02. Two NPN 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 ½ 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:

- * AC Millivoltmeter
- * Function Generator
- * Decade Resistance Box
- * Cathode Ray Oscilloscope 20MHz

Note: Specifications are subject to change.

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