



36330 Experimental Training Board has been designed specifically for the study of voltage gain, frequency response, input impedance, output impedance, current gain, Power gain of a Common Emitter (CE) Transistor Audio Amplifier.

#### OBJECT

Study of Transistor Audio Amplifier (CE) :

- 01 To measure the Voltage Gain.
- 02 To plot the Frequency Response characteristics.
- 03 To find out the Input Impedance.
- 04 To find out the Output Impedance.
- 05 To find out the Current Gain.
- 06 To find out the Power Gain.

#### FEATURES

The board consists of the following built-in parts :

- 01 -9V D.C. at 50mA, IC regulated Power Supply internally connected.
- 02 PNP transistor.
- 03 Adequate no. of other electronic components.
- 04 Mains ON/OFF switch, Fuse and Jewel light.
- 05 The unit is operative on 230V  $\pm$ 10% at 50Hz A.C. Mains.
- 06 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
- 07 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of waveforms.
- 08 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 09 Weight : 3 Kg. (Approx.)
- 10 Dimension : W 340 x H 125 x D 210

#### OTHER APPARATUS REQUIRED :

- 01 AF Generator
- 02 Decade Resistance Box
- 03 A.C. Millivoltmeter
- 04 Dual trace CRO

Note: Specifications are subject to change.

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