



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.
 - * Adequate no. of other electronic components.
 - * 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.
 - * Weight : 3 Kg. (Approx.)
 - * Dimension : W 340 x H 110 x D 210

Other Apparatus Required

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

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com
Website: www.tesca.in