



Experimental Training Board has been designed specifically to study class A, class B, class C & class AB amplifier. The input signal has 2 Vpp at 1KHz frequency. It is internally generated. The board is self contained and required no other components except CRO.

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

**Object:**

To study :

01. Class A amplifier.
02. Class B amplifier.
03. Class C amplifier.
04. Class AB amplifier.

**Features:**

The board consists of the following built-in parts :

01.  $\pm 12V$  D.C. at 100mA IC regulated power supply internally connected.
  02. NPN Transistor.
  03. Built in 1KHz sinewave osc. having output 1.5Vpp.
  04. Two potentiometers to control +Ve & -Ve voltages.
  05. Adequate no. of other electronic components.
  06. 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:**

- \* Dual Trace 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