



Experimental Training Board has been designed specifically for the study of Differential Amplifier in solid state version. A Differential Amplifier is also called a Differential Amplifier and it is essential part of operational amplifier. As operational amplifiers are now a days being used quite extensively in instrumentation control and entertainment electronics, this Training Board has great educational value.

Practical experience on these boards carries great educative value for Science and Engineering Students.

Object:

01. To study the operation of a Differential Amplifier.
02. To measure the Common Mode Gain and Differential Mode Gain of the Differential Amplifier and determine its Common Mode Rejection Ratio(CMRR).

Features:

The board consists of the following built-in parts:

01. $\pm 9V$ D.C. at 100mA, IC regulated Power Supply internally connected.
 02. Three 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 $\frac{1}{2}$ 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:

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

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.

305, Taru Chhaya Nagar, Tonk Road, Jaipur-302029, India
 Tel: +91-141-2724326, Mob: +91-9413330765
 Email: info@tesca.in, tesca.technologies@gmail.com
 Website: www.tesca.in

