



Experimental Training Board has been designed specifically for the study of an Inverting and Non-Inverting Amplifier. This Training Board helps to know about the different aspects and need for such an Inverting and Non-Inverting amplifier.

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

Object:

01. To study Inverting Operational Amplifier.
02. To study Non-Inverting Operational Amplifier.
03. To study frequency response of Inverting A.C. Operational Amplifier.
04. To study frequency response of Non-Inverting A.C. Operational Amplifier.
05. To study High Input Impedance of Inverting Amplifier.
06. To study High Input Impedance of Non-Inverting Amplifier.

Features:

The board consists of the following built-in parts:

01. +15V D.C. at 25mA, IC Regulated Power Supply
 02. 0-2V D.C. at 50mA, continuously variable regulated Power Supply.
 03. OP-AMP IC 741.
 04. Adequate no. of other electronic components
 05. 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:

- * Decade Audio Frequency Generator
- * Digital Multimeter 3¼ digit
- * A.C. Millivoltmeter
- * Cathode Ray Oscilloscope 20MHz

Note: Specifications are subject to change.

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