



36323 Experimental Training Board has been designed specifically for the study of Audio Amplifier using LM-380.

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

Object :

1. To measure the voltage gain (A) of audio v amplifier.
2. To plot the frequency response characteristics of audio amplifier.
3. To find out the input impedance of the audio amplifier.
4. To find out the output impedance of the audio amplifier.
5. To find out the current gain of the audio amplifier.
6. To find out the power gain of the CE amplifier.

Features

The board consists of the following built-in parts:

1. 15V DC at 50mA, IC regulated power supply internally connected.
2. Audio power amplifier IC LM-380.
3. Decade resistance box three dial 30 steps 1E, 1K, 10K per step total resistance 110010 Ohms
4. Adequate no. other electronic components.
5. Mains ON/OFF switch, Fuse and Jewel light.
6. The unit is operating on 230VAC \pm 10%at 50Hz
7. Adequate no. of patch cords 4mm length 50cm.
8. Weight : 1.500Kg.
9. Dimension : W340 x H 125 x D210mm
10. Good quality, reliable terminal/ sockets are provided at appropriate places on panel for connections/ observation of waveform.

Other Apparatus Required:

1. Function Generator
2. Cathode Ray Oscilloscope 20MHz

Note: Specifications are subject to change.