Order Code - 36255
Transistor Audio Amplifier With Power Supply and Different Loads

Experimental Training Board has been designed specifically for the study of single stage Transistor Audio Amplifier with three different loads.

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

Object:
To study single stage Transistor Audio Amplifier with three different loads (Resistive, Inductive & Transformer).
01. To measure the voltage gain of (CE) R.C. Coupled Transistor Audio Amplifier.
02. To plot the frequency response characteristics of (CE) R.C. Coupled Transistor Audio Amplifier.
03. To find out the Input Impedance of (CE) R.C. Coupled Transistor Audio Amplifier.
04. To find out the output Impedance of (CE) R.C. Coupled Transistor Audio Amplifier.

Features:
The board consists of the following built-in parts:
01. +12V D.C. at 100mA, IC regulated Power Supply internally connected.
02. NPN transistor.
03. Audio Output transformer.
04. Adequate no. of other electronic components.
05. Mains ON/OFF switch, Fuse and Jewel light.
* The unit is operative on 230V ±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
* A.C. Millivoltmeter
* Decade Resistance Box
* Cathode Ray Oscilloscope 20MHz

Note: Specifications are subject to change.

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