



OMEGA TYPE ETB-24 Experiment Training Board has been designed specifically for the study of Phase Shift Audio Oscillator. With the help of this Training Board one can understand the utilization of Audio Oscillator and obtain oscillations of different frequencies.

OBJECT

To study the Phase Shift Audio Oscillator:

- 01 To study Phase Shift Audio Oscillator circuit using a single transistor.
- 02 To study the improved Phase Shift Audio Oscillator circuit using two transistors.

FEATURES

The board consists of the following built-in parts :

- 01 +9V DC at 50mA, IC regulated Power Supply internally connected.
- 02 Two transistors.
- 03 Three sets of three different values of capacitors selected by a switch for varying frequency.
- 04 Potentiometer for setting gain.
- 05 Adequate no. of other electronic components.
- 06 Mains ON/OFF switch, Fuse and Jewel light.

- 07 The unit is operative on 230VAC $\pm 10\%$ at 50Hz.
- 08 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
- 09 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
- 10 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 11 Practical experience on these boards carries great educative value for Science and Engineering Students.

- 12 Weight : 2.100 Kg. (Approx.)
- 13 Dimension : W 340 x H 125 x D 210

OTHER APPARATUS REQUIRED:

- 01 Dual trace CRO 20MHz OMEGA TYPE CRO-20

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS