



OMEGA TYPE ETB-130 Experimental Training Board has been designed specifically for the study of Complementary Symmetry Transistor Power Amplifier. This training board is quite useful for measuring D.C. bias current and observation of waveforms.

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

OBJECT:-

To study the complementary symmetry transistor power amplifier.

- 01 To measure the D.C. Voltage at certain test points with signal and without signal.
- 02 To measure the D.C. bias current (with and without signal) and also to measure the idling current.
- 03 To measure input and output impedances and power gain.

FEATURES

The board consists of the following built-in parts:

- 01 +9V D.C. at 100 mA, IC regulated Power Supply internally connected.
- 02 D.C. Milliammeter, 65 mm rectangular dial with switch selectable ranges of 5mA and 50mA.
- 03 Three Transistors for amplifier construction.

- 04 Adequate no. of other electronic components.
- 05 Mains ON/OFF switch, Fuse and Jewel light.
- 06 The unit is operative on 230VAC $\pm 10\%$ at 50Hz.
- 07 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of waveforms.
- 08 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

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

LIST OF ACCESSORIES:

- 01 Patch cords 4mm length 50cm Black.....03

OTHER APPARATUS REQUIRED :

- 01 AF Generator OMEGA TYPE AO-300
- 02 A.C. Millivoltmeter OMEGA TYPE ACV-25
- 03 A.F. Output Power Meter OMEGA TYPE OM-135
- 04 Decade Resistance Box OMEGA TYPE DRBC-115L
- 05 Digital Multimeter 3¾ digit OMEGA TYPE DMM-201
- 06 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