



OMEGA TYPE ETB-211 Experimental Training Board has been designed specifically to study Digital time division multiplexing & demultiplexing. 8 channel Digital Multiplexer and Demultiplexer are provided on the Trainer. A rolling Address Generator scans the 8 channels sequentially. Data Generator with 8 different outputs act as signal sources for the 8 channels.

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

OBJECT

To study Digital Time Division Multiplexing & Demultiplexing.

FEATURES

The board consists of the following built-in parts :

- 01 $\pm 5V$ D.C. at 100mA IC regulated power supply internally connected.
- 02 8 : 1 Multiplexer.
- 03 1 : 8 Demultiplexer.
- 04 8 bit Data Generator.
- 05 Clock & Address Generator.
- 06 Mains ON/OFF switch, fuse and jewel light.
- 07 The unit is operative on 230V $\pm 10\%$ at 50Hz A.C. Mains.
- 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 Weight : 2.100 Kg. (Approx.)
- 12 Dimension : W 340 x H 125 x D 210

OTHER APPARATUS REQUIRED:

- 01 Dual Trace Cathode Ray Oscilloscope 20MHz
OMEGATYPE 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