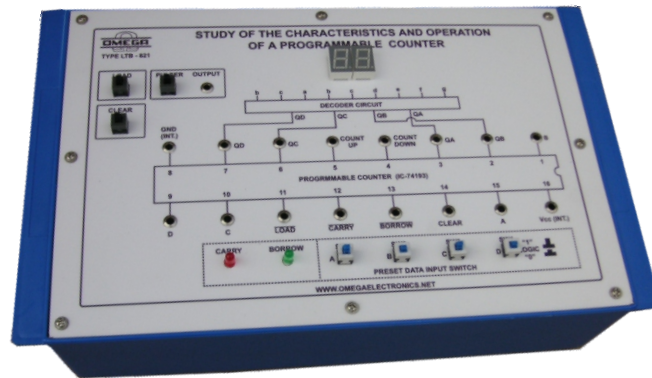


**TO STUDY THE CHARACTERISTICS  
AND OPERATION OF A  
PROGRAMMABLE COUNTER  
OMEGA TYPE LTB-821**



**OMEGA TYPE LTB-821** Computer Logic Training Board has been designed specifically for the study & Operation of Programmable Counter to give students an idea about Programmable Counters and different modes of the same. The output of counter can be observed in decimal code with the help of seven segment displays. The board is absolutely self contained and requires no other apparatus. Practical experience on this board carries great educative value for Science and Engineering Students.

**OBJECT**

- 01 To study the Programmable Counter in up-mode and carry pulse.,
- 02 To study the Programmable Counter in down-mode and borrow pulse.
- 03 To study the presettable mode of the Programmable Counter.

**FEATURES**

The board consists of the following built-in parts :

- 01 +5V D.C. at 100mA, IC Regulated Power Supply internally connected.
- 02 Programmable Counter IC 74193.
- 03 Decoder Circuit.
- 04 Two seven segment displays with decoder circuit to display the output in decimal.
- 05 One Pulser switch for clock.
- 06 Two press switches for clear & load.
- 07 Switches for logic selection.
- 08 Adequate no. of other Electronic Components.
- 09 Mains ON/OFF switch, Fuse and Jewel light.
- 10 The unit is operative on 230V  $\pm 10\%$  at 50Hz A.C. Mains.
- 11 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
- 12 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.
- 13 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 14 Weight : 3 Kg. (Approx.).
- 15 Dimension : W 340 x H125 x D 210

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

**OMEGA ELECTRONICS**