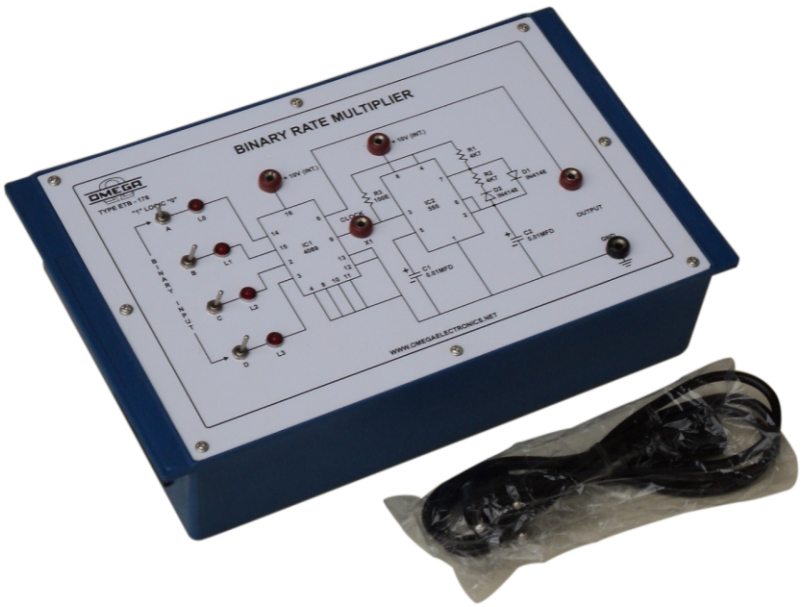
OMEGA®
A SIGN OF QUALITY PRODUCT

BINARY RATE MULTIPLIER
OMEGA TYPE ETB-176



OMEGA TYPE ETB-176 Experimental Training Board has been designed specifically for the study of Binary Rate Multiplier. This Training Board gives a better understanding of the working of binary rate multiplier for frequency division of input in binary steps.

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

OBJECT

To Study Binary Rate Multiplier to achieve output of desired frequency in binary steps, by dividing the available clock frequency with a selectable number (which is the Binary Rate) using Binary Rate Multiplier IC 4089.

FEATURES

The board consists of the following built-in parts :

01 + 10V D.C. at 50mA, IC regulated power supply internally connected.
02 Binary Rate Multiplier CMOS IC 4089.
03 Timer IC 555.
04 LEDs for visual indication of status.
05 SPDT switches for logic selection.
06 Adequate no. of Electronic Components.
07 Mains ON/OFF switch, Fuse and Jewel light.
08 The unit is operative on 230VAC ±10% at 50Hz.
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 : 2.00 Kg. (Approx.)
12 Dimension : W 340 x H 125 x D 210

ACCESSORIES : Nil.

OTHER APPARATUS REQUIRED:

01 Frequency Counter 6 digit OMEGA TYPE DFC-20 M
02 Dual Trace CRO 20MHz OMEGA TYPE CRO-20

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