



OMEGA TYPE ETB-206 Experimental Training Board has been designed specifically for the study of frequency shift keying modulation and demodulation.

The board is absolutely self contained and requires only CRO. Practical experience on this board carries great educative value for Science and Engineering Students.

OBJECT

To study the generation of the Frequency Shift Keyed output and also to demodulate the FSK output.

FEATURES

The board consists of the following built-in parts :

- 01 $\pm 12V$ D.C. at 20mA IC regulated power supply internally connected.
- 02 5V D.C. at 100mA IC regulated power supply internally connected
- 03 Quad Op-amp IC.
- 04 Decade counter IC.
- 05 Timer IC.
- 06 4-Bit Binary counter IC.
- 07 Quad 2-input NAND gate IC.
- 08 Two potentiometers for varying the FSK input and output of demodulator adjustment.
- 09 Adequate no. of other electronic components.
- 10 Mains ON/OFF switch, fuse and jewel light.
- 11 The unit is operative on 230V $\pm 10\%$ at 50Hz AC. Mains.
- 12 Adequate no. of patch cords stackable 4mm spring loaded plug length 50cm.
- 13 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections /observation of waveforms.
- 14 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 15 Weight : 2.100 Kg. (Approx.)
- 16 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

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