

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. ± 12 V 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 demodulator adjust
 - Adequate no. of other electronic components
 - Mains ON/OFF switch, fuse and jewel light
 - The unit is operative on $230V \pm 10\%$ at 50Hz A.C. Mains
 - Adequate no. of patch cords stackable 4mm spring loaded plug length $\frac{1}{2}$ metre
 - Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections /observation of waveforms
 - Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References

Other Apparatus Required:

- Cathode Ray Oscilloscope 20MHz.

Note: Specifications are subject to change.

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