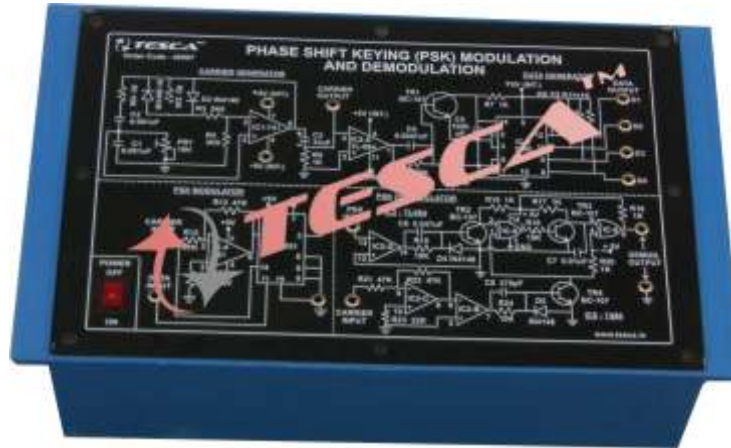


Experimental Training Board has been designed specifically for the study the Phase shift keying modulation and Demodulation. The board is absolutely self contained and requires only CRO.

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

**Object:**

To study the generation of the Phase Shift Keyed output and also to demodulate the PSK output.

**Features:**

The board consists of the following built-in parts :

01.  $\pm 5V$  D.C. at 100mA IC regulated power supply internally connected
02. Op-Amp IC.
03. Decade counter IC.
04. Quad Op-Amp. IC
05. Multiplexer IC.
06. Quad, 2-input EX-OR gate IC
07. 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 from rear both ends 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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