



Experimental Training Board has been designed specifically for the study of 2 Channel Analog Multiplexer. This Training Board gives a better understanding of the principle of multiplexing of analog signals.

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

**Object:**

To study multiplexing of two analog signals to give multiplexed output using JFETs.

**Features:**

The board consists of the following built-in parts :

01.  $\pm 15V$  D.C. at 50mA, IC regulated power supply internally connected.
  02.  $-5V$  D.C. at 50mA, IC regulated power supply internally connected.
  03. Two JEETs.
  04. OP-AMP IC 741.
  05. Adequate no. of Electronic Components.
  06. 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:**

- \* Dual Trace Cathode Ray Oscilloscope, 20MHz.
- \* 2 Nos. Function Generator

Note: Specifications are subject to change.

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