



38720 Multiplexer and Demultiplexer Trainer has been designed specifically for the study of 4-to-1 Line Multiplexer and 1-to-4 Line Demultiplexer. This Training Board familiarizes the students with the operation of both multiplexer and demultiplexer circuit. It explains the phenomena of Multiplexing of four input signals with two selection lines and one output. It explains Demultiplexing of one input signal with two selection lines and four outputs.

The board is absolutely self contained and requires no other apparatus.

Features

1. +5V SMPS Adaptor provided with the trainer for power supply
2. Easy illustration of Multiplexer and Demultiplexer
3. LEDs for visual indication of inputs and outputs status
4. SPDT switches for logic selection
5. Good quality, reliable sockets are provided at appropriate places on board for connections
6. Strongly supported by systematic operating instructions
7. A low cost training system

Object

1. Study and verification of the Truth Table of 4-to-1 Line Multiplexer
2. Study and verification of the Truth Table of 1-to-4 Line DeMultiplexer

Technical Specifications

Input	:	+5V DC
Logic levels		
+5V	:	HIGH(Logic 1)
0V	:	LOW (Logic 0)
Dimensions (mm)	:	W 240 x D 345 x H 110
Weight	:	1kg (approximate)
LED Indication	:	LED will ON (glow) for 1 state and will be OFF for 0 state

Note: Specifications are subject to change.