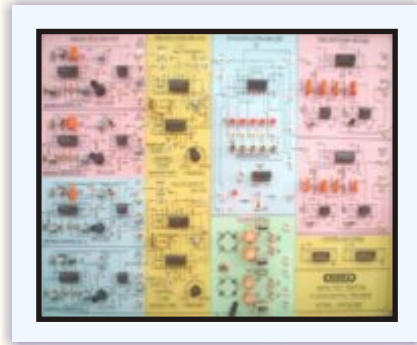




TIME MULTIPLEXED SWITCHING USING TIME & SPACE MODEL - PSTN100

This trainer has been designed with a view to provide practical and experimental knowledge of PSTN T/S/T Switch Fundamental.



SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based power supply.
3. On Board Two Input signals generators.
Sine/Triangular wave : Frequency 500Hz - 1Vp-p
Sine/Square wave : Frequency 1Khz - 1Vp-p
4. On Board Control Pulse signal generator.
Frequency Range : 2 KHz to 128 KHz.
5. Switching Sections : Time-Space-Time Switching (T-S-T)
6. Space Switching Controls : 16 Bit addresses
7. Low Pass Filters : 3.4 KHz cutoff frequency.
8. Standard Accessories : 1. A Training Manual.
2. Connecting Patch cords.

EXPERIMENTS

1. To study theory of Time-Space-Time Switching (T-S-T).
2. To generate Time switching signal using Multiplexer and S/H process.
3. To generate Space switching signal using space switch.
4. To demodulate using demultiplexer using time switching process.
5. To observe Cross-talk effect.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

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