



# PSTN SWITCH CONFIGURATION T/S/T SWITCH 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 wave : Frequency 500Hz, 250Hz, 1KHz and 2KHz  
Amplitude : 5Vp-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. Books for Mobile Communication : 10 Nos in pdf Format**
- 9. Mp4 Video Class for Mobile Communication : 40 Classes in Mp4 on Pen Drive**
10. 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.

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