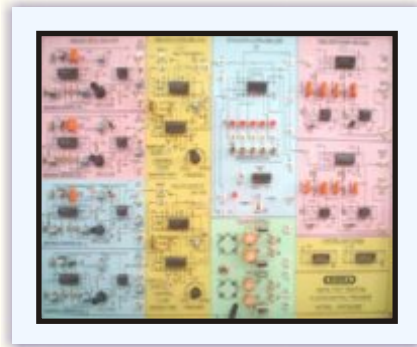




SDS (SPACE DIVISION SWITCHING) TRAINER MODEL - SDS100

This trainer has been designed with a view to provide practical and experimental knowledge of Space division switching.



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. - 1 Vpp
Sine/Square wave : Frequency 1Khz - 1 Vpp.
4. On Board Control Pulse signal generator.
Frequency Range : 2 KHz to 128 KHz.
5. Switching Sections : Space-Space Switching
6. Space Switching Controls : 16 Bit addresses
7. Low Pass Filters : 3.4 KHz cutoff frequency.
8. All parts are soldered on single PCB with complete circuit diagram screen-printed in multi-colour.
9. Standard Accessories :
 1. A Training Manual
 2. Connecting Patch cords.

EXPERIMENTS

1. To study theory of Space-Space Switching.
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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