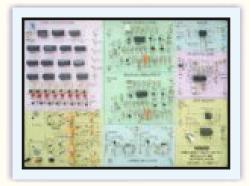


ASK, FSK, PSK MODULATION DEMODULATION TRAINER

MODEL - COM114-16

This trainer has been designed with a view to provide practical / experimental knowledge of ASK/FSK/PSK Modulation/Demodulation technique as practically implemented in Digital Communication systems on a SINGLE P.C.B.



SPECIFICATIONS

230V AC, 50 Hz.

- 1. Power supply requirement
- 2. Built in Gaussian Noise generator source.
- On Board Digital Data generator to generate to any binary input word with Bit clock & Word clock.
 Word Length : 8 Bits.

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- Word Clock Frequency : 8 KHz
- Data Format : NRZ
- 4. On Board Carrier Oscillators Frequencies Range
- 5. Modulator Type

8.

- 6. Demodulator Type
- : Balanced modulator

320KHz & 640KHz.

- Type : Balanced Modulator, Diode Detector & Squarer.
- All parts soldered on single PCB of size 14" X 11" with complete circuit diagram Screen Printed.
- 9. Standard Accessories
- : A Training Manual Connecting Patch cords.

EXPERIMENTS

- 1. To study theory of ASK, FSK, PSK Modulation & Demodulation.
- 2. To Study Block diagram of ASK, FSK, PSK Modulation & Demodulation.
- 3. To generate and Demodulate ASK signal.
- 4. To generate and Demodulate FSK signal.
- 5. To generate and Demodulate PSK signal.

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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