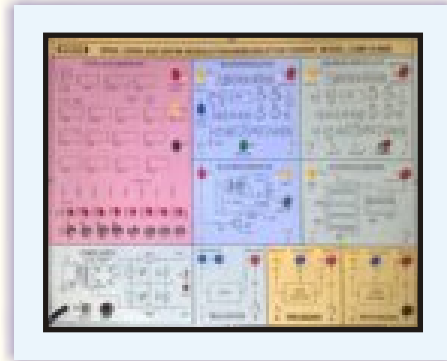




# BPSK/DPSK & DEPSK MODULATION/ DEMODULATION TRAINER

MODEL - COM116BDE

This trainer has been designed with a view to provide practical / experimental knowledge of BPSK, DPSK and DEPSK Modulation/Demodulation technique as practically implemented in Digital Communication systems on a SINGLE P.C.B.



## SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based power supply : +12V, -12V, +5V
3. On Board Modulating Digital Data signal generator (NRZ) to generate any binary input word  
Word Length : 8 Bits.
4. Carrier Clock Frequency : 250KHz
5. On Board Carrier Sine Waves : 500KHz(0 deg.), 500KHz(180 deg.).
6. Carrier Modulation : BPSK, DPSK, DEPSK.
7. Standard Accessories : 1. Experimental and Circuit Description Manual.  
2. Connecting Patch cords. (10 Nos.)

## EXPERIMENTS

1. To study theory of BPSK/ DPSK / DEPSK Modulation & Demodulation.
2. To generate and demodulate BPSK signal
3. To generate and demodulate DPSK signal
4. To generate and demodulate DEPSK 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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