SIGMA

MANCHESTER CODING/DECODING TRAINER

MODEL - COM122**M**

This trainer has been designed with a view to provide practical and experimental knowledge of the process of Manchester coding digital data into different formats on single PCB.

SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based power supply.
3. On Board Modulating Digital Data signal generator to generate any binary input word with Bit clock & Word clock.

    Word Length : 8 Bits.

    Word Clock Frequency : 8 KHz
4. Data Format Generator : Bi-Phase (Manchester)
5. Decoding Section : Bit Clock Recovery section
6. Standard Accessories : 1. A Training Manual.

    2. Connecting Patch cords.

EXPERIMENTS

1. To study theory of Manchester coding and decoding.
2. To generate Biphase (Manchester) codes and decode them.

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