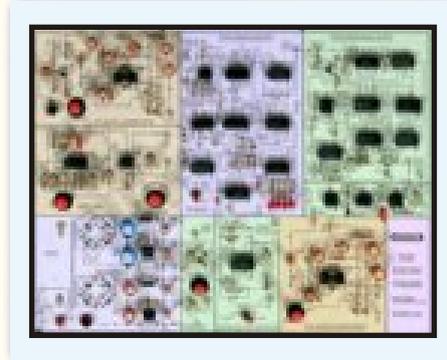




PULSE CODE MODULATION TRAINER

MODEL- COM110A

This trainer has been designed with a view to provide practical and experimental knowledge of Pulse Code Modulation.



SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. On Board Modulating sine wave generator
Frequency Range : 1KHz
Amplitude : 0 to 2 Vpp.
3. On Board Sampling Pulse signal generator.
Frequency Range - Fast Mode : 1.2 Mhz Slow Mode -1 Hz
4. LED indicators for PCM output bits.
5. PCM Bit : 3 or 4 bit selectable by switch.
6. Modulator Sections : Counter & Comparator, Encoder
7. Standard Accessories : 1. A Training Manual.
2. Connecting Patch cords.

EXPERIMENTS

1. To study theory of Pulse Code Modulation
2. To generate PCM signal
3. To observe and Plot quantization curve
4. To calculate Bit rate.
5. To measure quantization Noise.
6. To measure Signal to Noise ratio using Selective level meter or Spectrum analyser

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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Dealer:-