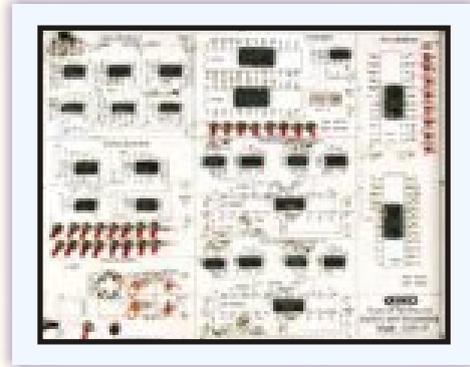




PCM CODEC- FILTER TRAINER with A & u- law

MODEL- COM110A/U

This trainer has been designed with a view to provide practical and experimental knowledge of Pulse Code Modulation/Demodulation WITH A-law and u-Law.



SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. On Board Modulating sine wave generator
Frequency Range : 300Hz to 3.4KHz.
Amplitude : 0 to 5Vp-p.
3. On Board Sampling Pulse signal generator.
Frequency Range : 64KHz
4. Built in variable DC power supply (0 to + 5V)
5. Modulator Sections : SINGLE CHIP PCM CODEC
6. Demodulator Sections : SINGLE CHIP PCM CODEC.
7. All parts are soldered on the front side of single PCB with complete circuit diagram screen printed in multicolor on front side with parts at the same place. The acrylic cover is fitted on PCB to safeguard parts on front side in elegant wooden box having lock and key. The testing points are provided with 1.25" tags to connect CRO probe. True measured colored waveforms are given on panel.
8. Standard Accessories :
 1. A Training Manual
 2. Connecting Patch cords.

EXPERIMENTS

1. To study theory of Pulse Code Modulation & Demodulation.
2. To generate and demodulate PCM signal
3. To observe PCM output with A-law and u-Law.

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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