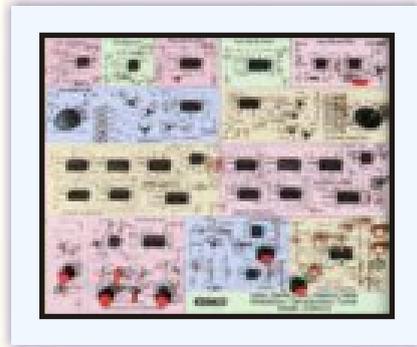




ADAPTIVE DELTA MODULATION /DEMODULATION TRAINER

MODEL - COM113M

This trainer has been designed with a view to provide practical and experimental knowledge of Adaptive Delta Modulation /Demodulation.



SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based power supply.
3. On Board Modulating Sine wave signal generator
Frequency Range : 300 Hz to 3.4 KHZ
Amplitude : 0 to 5 Vpp.
4. On Board Sampling Pulse signal generator -
Frequency : 10 KHZ to 1MHz in two ranges
Pulse width : Variable.
5. Modulator Sections : Comparator, S/H and Integrator, Adaptive Control
6. Demodulator Sections : Integrator, Adaptive Control
Low Pass Filter - Cut off frequency - 3.4KHZ.
7. All parts are soldered on single PCB with complete circuit diagram screen-printed in multicolor.
8. Standard Accessories : 1. A Training Manual
2. Connecting Patch cords.

EXPERIMENTS

1. To study theory of different types of delta Modulation & Demodulation
2. To generate ADM signal and demodulate them
3. To see the effect of sampling clock frequency on output.

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Dealer:-