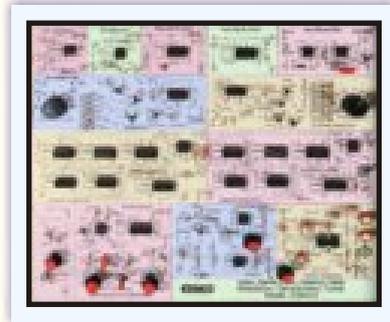




# ADAPTIVE DELTA MODULATION /DEMODULATION TRAINER

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.

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:-**