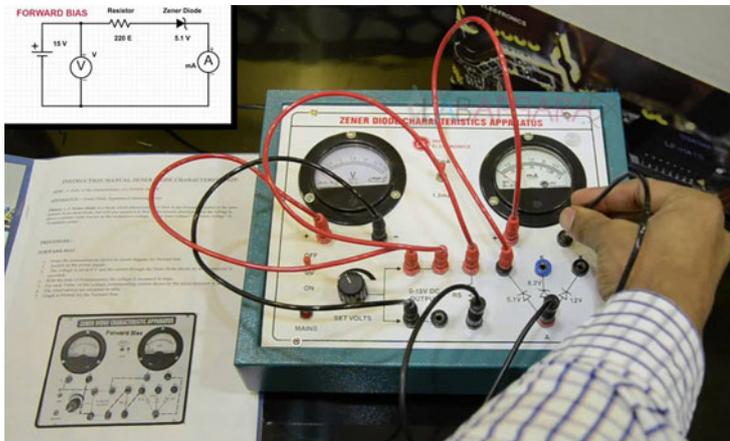


Adaptive Delta Modulation & Demodulation



Product Categories: [Basic Communication Lab](#), [Engineering Equipment](#)

Product Page:

<https://www.labappara.com/product/adaptive-delta-modulation-demodulation/>

Product Description

Adaptive Delta Modulation & Demodulation

SALIENT FEATURES

Both Transmitter & Receiver on same board

Clock generation from crystal

4 switch selectable sampling rates

On - Board Generators at 4 different frequencies (Synchronized)

Separate Adjustable DC Level

Selectable integrator gain setting (by switch or control circuit)

On - Board 4th order butter worth L.P. Filter

Unipolar to Bipolar conversion On - Board

TECHNICAL SPECIFICATIONS

Crystal Frequency : 4.096 MHz

Sampling Frequencies : 32 KHz, 64KHz, 128KHz, 256KHz, (switch selectable)

On - Board Generator : Synchronized & Adjustable Amplitude Sine wave Generator at 250Hz, 500 Hz, 1KHz, 2KHz, Separate variable D.C. Level

Integrator : 4 Integrator gain setting norm, X 2 X 4 X 8

LP Filters : 4th order Butterworth (3.4 KHz cut off frequency)

Test Points : More than 55

Interconnections : 2/4 mm socket

Cabinet : Enclosed in ABS plastic cabinet with detachable cover

Power : 220V AC $\pm 10\%$, 50/60Hz mains operated

Accessories : Set of Patch Cords, User's manual