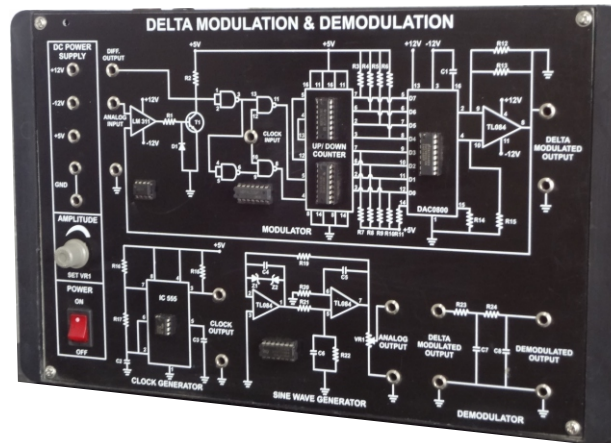


DELTA MODULATION AND DEMODULATION



DELTA MODULATION AND DEMODULATION

MODEL NO : AT 111

Objective :

Delta Modulation & Demodulation is designed to study the following :

- 1 Delta Modulation
- 2 Delta Demodulation

Technical Specification :

- * Two Fixed Output DC Regulated Power Supply of +12V & 5V/ 300 mA.
- * Built in Clock Generator (Square Wave) using IC 555 mounted inside the cabinet & important connections brought out on sockets.
- * Built in Sine Wave Generator using IC TL084 with variable amplitude.
- * Modulator section consists of IC LM311 (Comparator), IC 7400 (2 Input NAND Gate) IC 74193 (Up/Down Counter) and IC 0800 (DAC) mounted inside the cabinet & important connections brought out on sockets.
- * Demodulator section consists of Low Pass Filter circuit consist of Resistances & Capacitors.
- * Glass Epoxy PCB used as front panel & mounted on light weight shock proof plastic cabinet.

Size (mm) : 330 x 280 x 85

Power Requirement : 220V AC $\pm 10\%$, 50Hz

Standard Accessories : Patch Cords & Instruction Manual

Optional Accessories : CRO 20MHz

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