## SIGMA

## **ANALOG TO ANALOG CONVERTER**

MODEL - AACONV100

This trainer has been designed with a view to provide practical and experimental knowledge of Analog to analog converter techniques on a SINGLE P.C.B.



## **SPECIFICATIONS**

1. Power supply requirement : 230V AC, 50 Hz.

2. Built in IC based power supply.

3. On Board AF Modulating signal generator - Sine wave

Frequency Range : 1KHz

Amplitude : 0 to 5 Vpp.

4. On Board RF carrier signal generator.

Frequency Range : 200 KHz to 1 MHz.

Amplitude : 0 to 10 Vpp.

5. Modulator Type : Balanced modulator.

6. Demodulator Type : Diode detector.

7. Standard Accessories : A Training Manual

Connecting Patch cords.

## **EXPERIMENTS**

- 1. To generate AM signal by modulating with Audio signal generator
- 2. To measure modulation index of A.M. signal
- 3. To demodulate AM signal using Diode detector (Envelope detector)

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:-