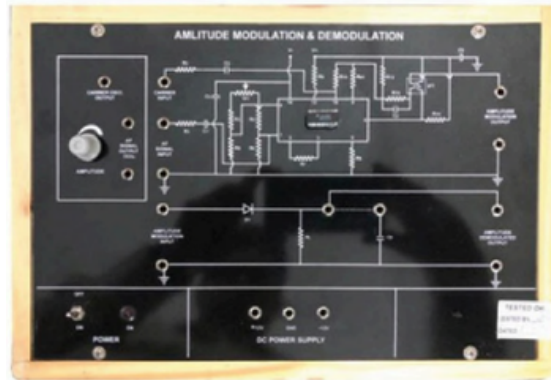


Amplitude Modulation & Demodulation

ProductCode: GKE421

Objective:

- Observe Change in the Carrier Amplitude According to the Amplitude of the Modulating Signal
- Calculate Modulation Index of the Modulated Signal
- Recovery of Modulating Signal From Demodulator Circuit.



Technical Specifications:

- In built IC based DC regulated power supply +12V/500mA.
- On board sine wave audio frequency signal generator
- Frequency: 1KHz Amplitude: 0-2Vpp
- On board carrier signal generator
- Frequency: 455 KHz Amplitude: 2.5 Vpp
- Modulation using Balanced Modulator ICLM 1496.
- Demodulation using Diode Detector OA 79.