

## FSK Modulation & Demodulation

**Product Code: GKE424**

**Objective:**

- To observe shift in frequency of carrier signal according to binary input i.e. Digital clock signal.
- Recovery of modulating signal from demodulator circuit using phase locked loop circuit.



**Technical Specifications:**

- In built IC based DC regulated power supply + 5V/300mA.
- On board square wave audio frequency signal generator.
- Frequency: 100Hz -1 KHz Amplitude: 0-30Vpp
- Modulation using IC 555 (Carriers generator internally 1.4KHz, 5Vpp).
- Demodulation using phase locked loop IC 565 (lock range 100Hz, 300Hz) and comparator IC 741.