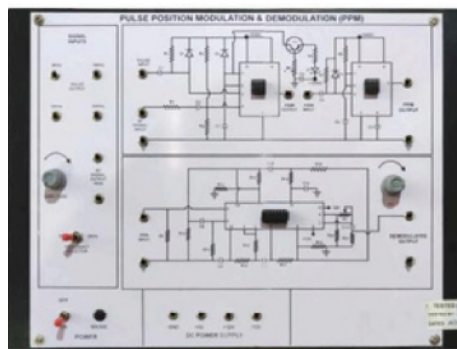


## Pulse Position Modulation & Demodulation

**Product code: GKE427**

**Objective:** Observe change in position of clock pulses according to the amplitude of the Modulating signal at the Different clock frequencies



### Technical Specifications:

- In built IC based DC regulated power supply +12V, + 5V/ 300mA.
- On board sine wave audio frequency signal generator
- Frequency: 1 KHz & 2KHz Amplitude: 0-1 OVpp & 0-4Vpp
- On board sampling pulse generator (Frequency: 8KHz, 16KHz, 32KHz, 64KHz Amplitude :5Vpp)
- Modulation using IC 7555 multi vibrator and pulse width modulation as input.
- + Demodulation of PPM using 4th order/ low pass filters & AC amplifier using TL 074 with adjustable Gain control.