

## ADCT-08 MSK MOD / DEMODULATION KIT



**ADCT-XX** is an Advance Digital Communication Trainer System that helps one understand various Digital Modulation and Demodulation Techniques. Various functional block diagrams are provided on-board as an aid for Teaching/Training. These Kits are provided with various Test Points to visualize the signals on Oscilloscopes.

### Specifications

- **Carrier Generator**
  - On Board synchronized RF carrier signal generators with frequencies of 120 KHz, 200 Kh
- **Data Generator**
  - 8 bit Digital Data generator to generate any binary input word.
  - Selection of Data using 8-way DIP Switch.
- **Display**
  - One LED indicator to indicate Power input.
- **On-board Circuits**
  - On board two Balanced Modulator Circuit.

- Demodulator PLL Detector Circuit.
- Squarer Circuit

- **Power Supply**

- Fixed DC power supply : +5V/500mA
- Fixed DC power supply :  $\pm 12$  V/500mA

- **Interconnections**

- All interconnections are made using 2mm banana Patch cords.

- Bare board Tested Glass Epoxy PCB is used.
- Attractive ABS Plastic enclosure
- Set of 2mm Patch cords for interconnections
- User's Manual

*Note : Specifications can be altered without notice in our constant efforts for improvement.*