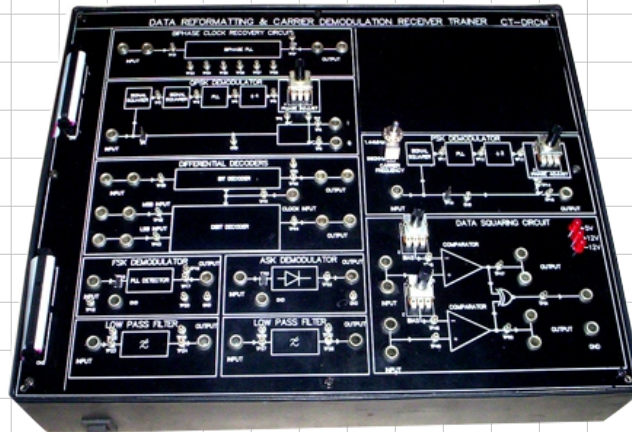
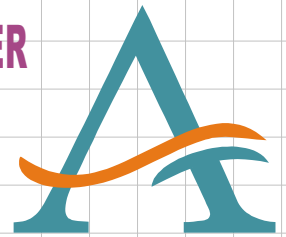




SILENT FEATURES

- ☐ 7 different data conditioning formats NRZ (M) RZ, Bi phase (Manchester), Bi phase (Mark), AMI, RB, Differentially encoded dibit pair to NRZ data.
- ☐ ASK, FSK, PSK, DPSK, & QPSK carrier demodulation
- ☐ Output gives 2 channel TDM multiplexed data output
- ☐ On – Board Bi phase clock recovery circuit
- ☐ On – Board data squaring circuit and different decoder

TECHNICAL SPECIFICATIONS

- ☐ Input : From Transmitter Kit
- ☐ Output : 2 Channel TDM Multiplexed Data Stream
- ☐ De conditioning Options : NRZ (M), RZ, AMI, RB Bi phase (Manchester), Bi phase (Mark),
- ☐ differentially encoded dibit pair to NRZ (L)
- ☐ Carrier Demodulation :
- ☐ ASK Rectifier Diode
- ☐ FSK PLL Detector
- ☐ PSK & DPSK Square Loop Detector
- ☐ QPSK Fourth Power Loop Detector
- ☐ Bi phase clock recovery : by PLL
- ☐ Test Points : More than 50
- ☐ Interconnections : 2/4 mm socket
- ☐ Cabinet : Enclosed in ABS plastic cabinet with detachable cover
- ☐ Power : 220V AC $\pm 10\%$, 50/60Hz mains operated
- ☐ Accessories : Set of Patch Cords, User's manual

LIST OF EXPERIMENTS

- ☐ Study of conversion of different data formats to NRZ data formats
- ☐ Various carrier Demodulation Techniques ASK, FSK, PSK, DPSK, & QPSK

OPTIONAL ACCESSORIES

- ☐ Multimedia interactive computer based training manual

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