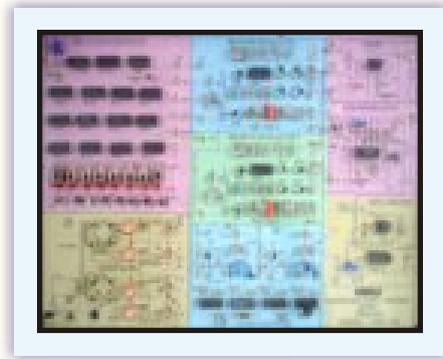




MINIMUM SHIFT KEYING MODULATION DEMODULATION TRAINER

MODEL - MSK100

This trainer has been designed with a view to provide practical / experimental knowledge of study of MSK Modulation & Demodulation on single PCB..



SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. On Board Digital Data generator to generate any binary word of
Word Length : 8 Bits.
Word Clock Frequency : 10 KHz
Data Format : NRZ.
3. On Board synchronized RF Carriers
Frequencies : 200KHz & 160KHz.
4. Modulator Type : Using two Balanced Modulators with two ASK and adder
5. Demodulator Type : P-L-L detector.
6. Decision Threshold : Comparator
7. All parts are soldered on single PCB with complete circuit diagram screen-printed.
8. Standard Accessories : 1. A Training Manual.
2. Connecting Patch cords.

EXPERIMENTS

1. To study theory of MSK Modulation & Demodulation.
2. To generate MSK signal
3. To demodulate using PLL.
4. To observe MSK modulated output for different input binary codes.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

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Dealer:-