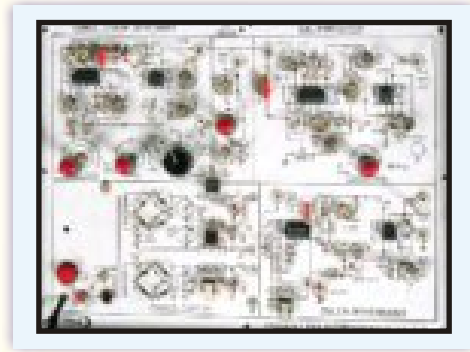




FREQUENCY MODULATION/ DEMODULATION TRAINER

MODEL- COM104A

This trainer has been designed with a view to provide practical and experimental Knowledge of Frequency Modulation / Demodulation technique on a SINGLE P.C.B.



SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based power supply.
3. On Board AF Modulating signal generator - Sine wave
Frequency Range : 1KHz
Amplitude : 0 to 2Vpp.
4. On Board RF carrier signal generator.
Frequency Range : 50 KHz to 150 KHz.
5. Modulator Type : Reactance modulator
6. Demodulator Type : Phase lock loop (PLL) detector.
7. All parts are soldered on single pin TAGS 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 Frequency Modulation & Demodulation.
2. To generate FM signal using Reactance modulator.
3. To demodulate FM modulated signal using Phase lock loop (PLL) detector.

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:-