

## **FM TRANSMITTER TRAINER**

## MODEL - COM124NTX-I

This trainer has been designed with a view to provide practical & experimental knowledge of a general circuit of Frequency Modulation Transmitter SINGLE PCB.



## SPECIFICATIONS

- 1. Power supply requirement
- 230V AC, 50 Hz.

88 MHz to 108 MHz.

- 2. Built in IC based power supply.
- 3. RF carrier frequency
- Built in AF Modulating signal generator Frequency
  - : 10KHz to 100KHz

0 to 3 Vpp

10 feet.

- Amplitude
- 5. Transmission Range
- 6. All parts are soldered on single PCB of size 12" x 9" with complete circuit diagram screen-printed.

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7. Standard Accessories

- 1. A Training Manual.
- 2. Connecting Patch cords.

## EXPERIMENTS

- 1. To transmit audio signal at various power level.
- 2. To observe output waveform of transmitted signal using Spectrum Analyzer .
- 3. To see the effect of Eigen values on carrier power using Spectrum Analyzer.