



# 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.
2. Built in IC based power supply.
3. RF carrier frequency : 88 MHz to 108 MHz.
4. Built in AF Modulating signal generator  
Frequency : 10KHz to 100KHz  
Amplitude : 0 to 3 Vpp
5. Transmission Range : 10 feet.
6. All parts are soldered on single PCB of size 12" x 9" with complete circuit diagram screen-printed.
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.

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