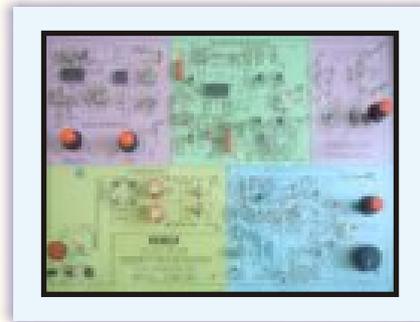




# AMPLITUDE MODULATION/DEMODULATION USING TRANSISTOR TRAINER

MODEL - COM101T

This trainer has been designed with a view to provide practical and experimental knowledge of Amplitude 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 2 Vpp.
4. On Board RF carrier signal generator.  
Frequency Range : 455KHz  
Amplitude : 0 to 2.5 Vpp.
5. Modulator Type : Balanced Transistor Amplitude modulator.
6. Demodulator Type : Balanced Transistor detector.
7. Standard Accessories :
  1. A Training Manual
  2. Connecting Patch cords.

## EXPERIMENTS

1. To generate AM signal by modulating with Audio signal generator.
2. To demodulate AM signal using Balanced transistor demodulator

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

**Sigma Trainers and Kits**  
E-113, Jai Ambe Nagar,  
Near Udgam School,  
Thaltej,  
**AHMEDABAD - 380054.**  
**INDIA.**

**Phone(O): +91-79-26852427/ 26850829**  
**Phone(F): +91-79-26767512/ 26767648**  
**Fax : +91-79-26840290/ 26840290**  
**Mobile : +91-9824001168**  
**Email : sales@sigmatrainers.com**  
**: sigmatrainers@sify.com**  
**Web : www.sigmatrainers.com**

**Dealer:-**