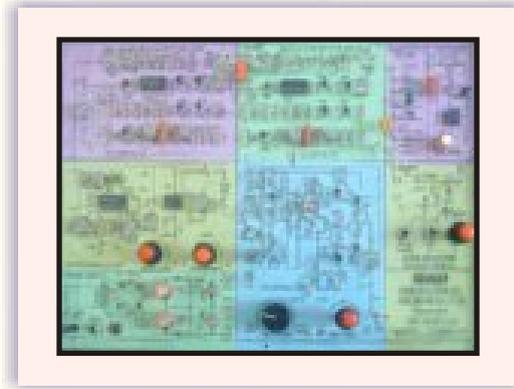




# DSB-SC/SSB-SC AM GENERATION TRAINER

MODEL COM411N

This trainer has been designed with a view to provide practical and experimental Knowledge of DSB-SC/SSB-SC Amplitude Modulation technique on a SINGLE PCB.



## SPECIFICATIONS

1. Audio Oscillator : With adjustable Amplitude & Frequency (300 H-3.4 KHz)
2. Audio Output : Amplifier with speaker
3. Modulators : 2 Nos Balanced Modulators with Band pass Filters (1 MHz), 1 No Balanced Modulator (500 KHz) 1 No Ceramic Band pass Filter
4. Carrier Freq : 1 MHz
5. Transmitter : Amplifier
6. Output : Gain adjustable
7. DSB : 1MHz
8. SSB : 1 .5 MHz connected to Antenna/cable
9. Standard Accessories : 1. A Training Manual.  
2. Connecting Patch cords.

## EXPERIMENTS

1. To generate DSB-SC AM signal.
2. To generate Single side band suppressed carrier AM modulation.
3. To observe USB and LSB signals on Spectrum analyzer i.e. Measure its amplitude and Frequency.

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:-**