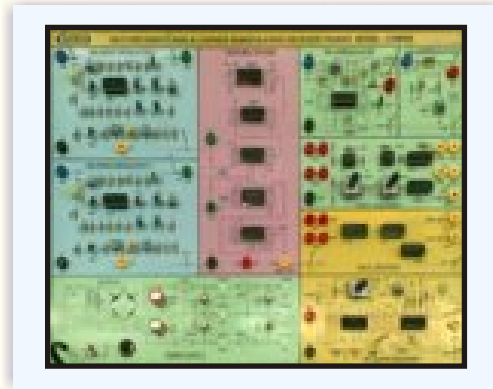




# DATA REFORMATTING AND CARRIER DEMODULATION RECEIVER TRAINER MODEL-COM206

This trainer has been designed with a view to provide practical / experimental knowledge of different types of Digital carrier Demodulation technics and data formatting technics as practically implemented in Digital Communication systems on a SINGLE P.C.B.



## SPECIFICATIONS

1. Input : From Data Formatting & Carrier Modulation Transmitter Trainer
2. Output : 2 Channel TDM Multiplexed data stream
3. Demodulation options : NRZ (M), RZ, AMI, RB, Biphase (Manchester), Biphase (Mark), Differentially encoded dibit to NRZ (L)
4. Carrier Demodulation : ASK - Rectifier Diode  
FSK - PLL Detector  
PSK / DPSK- Square Loop Detector  
QPSK/DQPSK- Fourth Power Loop Detector  
Biphase Clock Recovery : By PLL
5. Interconnections : 2 mm Sockets
6. Power Supply : 220 V  $\pm$ 10%, 50 Hz / 60 Hz on request
7. Power Consumption : 2 VA (approx.)

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:-**