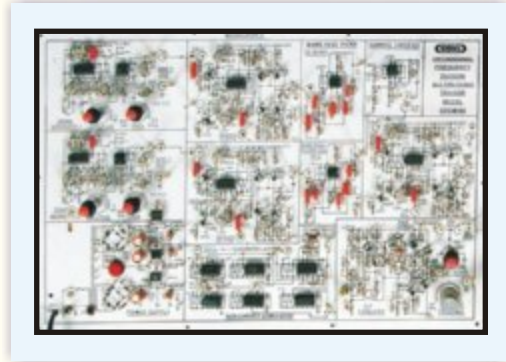




# ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING (OFDM) TRAINER MODEL- OFDM100

This trainer has been designed with a view to provide practical and experimental knowledge of OFDM on SINGLE PCB.



## 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 : 300 Hz to 3.4 KHz  
Amplitude : 0 to 5 Vpp.
4. On Board Main RF carrier signal generator.  
Frequency Range : 200 KHz to 1 MHz.  
Amplitude : 0 to 10 Vpp.
5. On Board Sub-carrier signal generator.  
Frequencies : 16 KHz and 32 KHz.  
Amplitude : TTL level.
6. On Board Pilot signal generator  
Frequencies : 4 KHz.
7. On Board Input Audio amplifier with Volume control for modulating external signal from Mike or Tape Recorder.
8. On Board Output Audio amplifier with speaker & Volume Control.
9. Multiplexer Type : Balanced modulators and Band pass filters.  
Demultiplexer Type : Balanced modulators and Band pass filters.
10. All parts are soldered on single PCB with complete circuit diagram screen-Printed in multicolor.
11. Standard Accessories : 1. A Training Manual.  
2. Connecting Patch cords.

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:-**