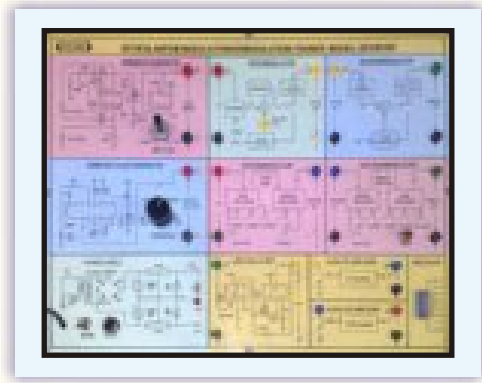




# DPCM AND ADPCM MODULATION/ DEMODULATION TRAINER

MODEL - DPCM100F

This trainer has been designed with a view to provide practical and experimental knowledge of DPCM & ADPCM 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 : +12V, -12V
3. On Board Modulating sine wave generator  
Frequency Range : 500 Hz.  
Amplitude : 0 to 4 Vpp.
4. On Board Sampling Pulse generator : 64, 128, 256, 512 KHz
5. Carrier Clock Frequency : 250KHz
6. PCB Data Bits : 8 Bits
7. Modulators : DPCM and ADPCM Modulators.
8. Demodulators : DPCM and ADPCM Demodulators.
9. Standard Accessories : 1. Experimental and Circuit Description Manual.  
2. Connecting Patch cords.

## EXPERIMENTS

1. To study theory of DPCM/ ADPCM Modulation & Demodulation.
2. To generate and demodulate DPCM signal
3. To generate and demodulate ADPCM signal

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:-**