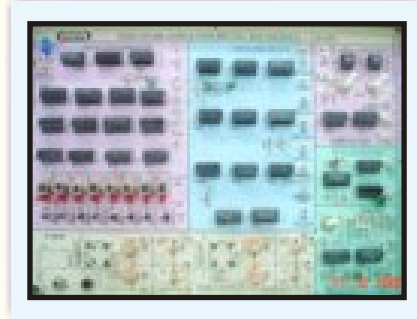




DIGITAL LINE CODING TRAINER MODEL - COM122K

This trainer has been designed with a view to provide practical and experimental knowledge of the process of coding of digital data into different formats on single PCB.



SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in IC based power supply.
3. On Board Modulating Digital Data signal generator to generate any binary input word with Bit clock & Word clock.
Word Length : 8 Bits.
Word Clock Frequency : 8 KHz
4. Data Format Generator :
 1. UPNRZ,
 2. PRZ,
 3. BPRZ,
 4. PNRZNRZ (Unipolar)
5. All parts are soldered on single PCB with complete circuit diagram Screen-printed in multicolor.
6. Standard Accessories :
 1. A Training Manual
 2. Connecting Patch cords.

EXPERIMENTS

1. To study theory of digital line coding and decoding.
2. To generate following different line codes
 1. UPNRZ,
 2. PRZ,
 3. BPRZ,
 4. PNRZNRZ (Unipolar)
3. To observe waveforms of Line codes on CRO and observe its spectrum on spectrum analyzer.

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:-