Phone: +91-9896600003
Email : sales@naugralabequipments.com

Product Name :	**Product Code :**
Data Reconditioning Trainer	NLAB-ELECTRONICSAB160015

Description :

Data Reconditioning Trainer

Technical Specification :

Digital Communication Trainer System to under stand various digital Modulation and Demodulation Techniques. Various functional block diagrams are provided on-board for Teaching/Training. This Kits provides with various Test Points to visualize the signals on Oscilloscopes.

FEATURES:

Data format of NRZ-L, NRZ-M, NRZ-S,URZ, AMI, BIO-L, BIO-M, BIO-S converted to NRZ-L.

ASK, PSK, FSK Demodulator.

In-Built Power Supply

LIST OF EXPERIMENTS:

Study of different Data formats to NRZ-L Format.

Study of Amplitude Shift Keying Demodulation Techniques.

Study of Frequency Shift Keying Demodulation Techniques.

Study of Phase Shift Keying Demodulation Techniques.

SPECIFICATIONS:

Carrier Demodulation using ASK, PSK, FSK.

Data formats of NRZ-L, NRZ-M, NRZ-S, URZ, Bi-phase-L, Bi-phase-M, Bi-phase-S, AMI encoded to NRZ-L format.

Receiver Clock generated by PLL.

Carrier Demodulation done by Rectifier Diode for ASK.

PLL Detector for FSK.

Square Loop Detector for PSK

Block Description Screen printed on glassy epoxy PCB.

Demodulation Techniques:

ASK, FSK, PSK Demodulation.

Interconnection

All interconnections are made using 2mm banana Patch cords.

Test points are provided to analyze signals at various points.

All ICS are mounted on IC Sockets.

Bare board Tested Glass Epoxy SMOBC PCB is used.

In-Built Power Supply of +5V/1.5A, ±12V/250mA with Power ON indication.

Attractive enclosure.

Set of 2mm Patch cords for interconnections.

User's Manual with sample experiments programs.

315mm x 245mm x 105mm (L x W x H).

Weight 3 Kgs.

Naugralabequipments

Website: www.naugralabequipments.com, **Email:** sales@naugralabequipments.com

Address: 6148/6, Guru Nanak Marg,Ambala Cantt,Haryana,India. **Phone:** +91-9896600003