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Product Name :	**Product Code :**
EPABX Trainer	NLAB-ELECTRONICSAB210002

Description :

EPABX Trainer

Technical Specification :

EPABX Trainer is a Microprocessor based system designed to help the students to understand the basic concept and working of a Telephone Exchange. All the components are mounted on a single PCB in functional blocks and have various Test points to monitor all kinds of telephonic signals.

FEATURES:

Non-Blocking type tone dialling,

Distinctive Ringing,

DTMF/ Pulse Dialing, Music on hold,

Line Status Indication on the Exchange,

Executive Telephone with special features,

Control methods,

Abbreviated Dialing,

Automatic Call Back,

Barge-in-with/ without tone,

Call camp-on, Call Parking,

Call Pick-up, Call Restriction,

Call transfer,

Call Forwarding,

Follow me,

Conference 4-Party,

Direct outward dialing,

Do not Disturb,

Extension Privacy,

Extension to Extension Call,

Hotline on Extension,

Hunting Group,

Last Number Redial,

Selective Trunk Line Access,

Simultaneous Ringing,

Wake up Alarm/ Reminder Call.

SPECIFICATIONS:

No. of Subscribers : Two DOT Lines, Four Extension Lines

Line Section : Opto Isolation for Trunk Lines and 4 Extension Lines.

Tone Generation : Dial Tone, Busy Tone, Ring Back Tone, Hold-on music etc.

CPU Section : 89E516RD Microcontroller based stored program control.

Memory : 72KB Program memory, 1KB RAM.

Speech Path : Fully Non- Blocking. Loop Resistance- Extension : 600 Ohms. - Co-line : 1200 Ohms.

Cross Talk Attenuator : >70dBm.

Idle Channel Voice : >70 dBm.

Insertion Loss : Extension to Extension not Less than 60 dBm. Extension to DOT Line not Less than 60 dBm.

Dial Pulse Ratio : 10pps +/-,10%

Input Power : 230V AC, 50Hz.

Longitudinal Balance : 60dBm.

Switch Faults : 8 Switch Faults are provided on board to study different effects on circuit.

Power Requirement : +11V, +23V, +5V, +15V.

Optional:

Telephone Set : 4 Nos.

Naugralabequipments

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