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.

*Specification*
• 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.
• Test Points    : 46 Nos.
• Power Requirement : +11V, +23V, +5V, +15V.

*Optional*
• Telephone set : 4 Nos.

Note: Specifications are subject to change.