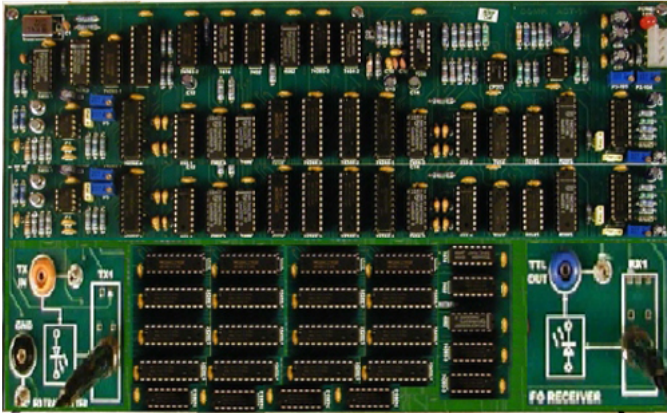


KET-01 EPABX TRAINER



KET-01 EPABX Trainer is a Microprocessor based system designed to help the students 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

1. Non-Blocking type tone dialling,
2. Distinctive Ringing,
3. Central operator control station with LCD display,
4. DTMF/ Pulse Dialing, Music on hold,
5. Line Status Indication on the Exchange,
6. Executive Telephone with special features,
7. Control methods,
8. Abbreviated Dialing,
9. Automatic Call Back,
10. Barge-in-with/ without tone,
11. Call camp-on, Call Parking,
12. Call Pick-up, Call Restriction,
13. Call transfer,
14. Call Forwarding,
15. Follow me,
16. Conference 4-Party,
17. Direct outward dialing,
18. Do not Disturb,
20. Extension Privacy,
21. Extension to Extension Call,
22. Hotline on Extension,
23. Hunting Group,
24. Last Number Redial,
25. Selective Trunk Line Access,
26. Simultaneous Ringing,
27. Wake up Alarm/ Reminder Call.

Optional

Telephone set : 4 Nos.

Specifications

No. of Subscribers

Two DOT Lines, Four Extension Lines

Line Sectiona

Opto Isolation for Trunk Lines and 4 Extension Lines.

Tone Generation

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

CPU Section

Z80 Microprocessor based stored program control.

Memory

64KB Program memory (EPROM), 32KB Data RAM for buffer.

Speech Path

Fully Non- Blocking.

Loop Resistance

| | |
|--------------|------------|
| Extension :- | 600 Ohms. |
| Co-line :- | 1200 Ohms. |

Cross Talk Attenuator:

>70dBm.

Idle Channel Voice

>70dBm.

Insertion Loss

Extension to Extension not Less than 60 dBm.
Extension to DOT Line not Less than 60 dBm.

Dial Pulse Ratio

10 p p s +/- , 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.