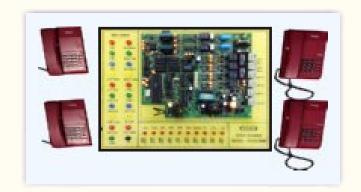


## **EPABX TRAINER**

MODEL - EPBX100M

This trainer has been designed with a view to provide Practical and experimental Knowledge of a general circuit of Electronic Private Automatic Telephone Exchange (EPABX) on Single PCB of size 12" X 9".



## **SPECIFICATIONS**

1. Telephone Lines : Two DOT Lines Four Extension Lines.

2. Telephones Instru. : 4 nos.

3. CPU Section : Micro Controller 89C51 based stored program Control technique CMOS cross

point switching.

Memory : 64K Program memory, 32K Data RAM for buffer
Line Section : Opto Isolation for Trunk Line and 4 Extension Line.
Tone Generation : Dial Tone, Busy Tone, Ring Back Tone, Hold-on Music

7. Speech Path : Fully Non-Blocking

8. Dial Speed : 10 + 1 PPS

9. Input Power : 230 VAC + 10% 50Hz

10. Test Points : 20 Nos.

11. Standard Accessories : 1. Experimental and Circuit Description Manual.

2. Connecting Patch cords.

## **EXPERIMENTS**

- 1. To study Speech circuit
- 2. To study DTMF & Pulse dialing
- 3. To study Dual Tone Ring generator
- 4. To study switching mechanism between Trunk and Subscriber for Incoming and Outgoing Calls.
- 5. To study interfacing circuit between subscriber lines and switching digital circuit.
- 6. To study Tone generation

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

**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:-