

Product Name :
EPABX Trainer & Lab Training Kit for Vocational Training and Didactic Labs

Product Code :
CON-026-NE



Description :

Equipment for Education, Engineering and Vocational Training - EPABX Trainer & Lab Training Kit - Telephone exchange an electronic boon to the mankind serving from decades for communication. Its one of the best combination of Analog, Digital & Mechanical circuits. The exchange technology has undergone many phase of changes ever since its existence. ST2657 Automatic Telephone Exchange Training / EPABX System forms the basic of telephone exchanges, EPABX technology study. Both manual and automatic switching can be performed. The functional blocks provides easy understanding of the working of the system. Visualizations of the switching and detections makes it unique. A DTMF Telephone Trainer is supplied for better understanding of Telephony.

Technical Specifications

Number of inputs : 2 Trunk / Direct Lines.

Number of extension : 4 Lines.

Technology : Cross Point Space Division (Microprocessor based)

Standard Features : Tones such as Dial, Busy, Ring etc. Dialing - DTMF and Pulse (Ratio 10pps)

Program Memory : 64 Kb EEPROM

Loop Resistance : Extension -600 Ohms, Co-line- 1200 Ohms.

Cross Talk Attenuation : >70 dBm

Test Points : More than 25 Nos.

Power supply : 230 V $\pm 10\%$, 50 Hz / 60 Hz on request

Power Consumption : 40.25 VA (approx.)

No. of switched faults : 8

No. of test points : 38

Features that can be set : Line Hunting, Direct Access to trunk line, Redial, Line Status Indication, Automatic call

back, Do Not Disturb, Call Transfer, Call Pick Up, Direct Access Trunk Call Forwarding, Call parking, Conference, Hot line System, Extension Privacy, Call Transfer, Barge in.

Included Accessories

Telephone Instruments : 3 Nos.

Telephone Trainer : 1 No.

Extension line cords : 4 Nos.

Software CD : 1 No.

AC Adaptor : 1 No.

Easy understanding of various units

Use of functional blocks than traditional circuitry

Study of various detection phenomena's

Detailed circuit study

LED visualizations

Performing manual switching

Study of switching Phenomena

Study of traffic units

Switched faults

CD containing Working Presentation

Supplied with DTMF Telephone Trainer

Experiments that can be performed

Generation of various Tones Dial, Tone, Busy Tone, Ring Back Tone.

Measurement of Ring generation.

Study & Analysis of Cross point Space Division switching.

Study & Analysis of Manual switching.

Analysis of Pulse / DTMF dialing from telephone (Extns).

Measurement of Relay & Ring control signals.

Study & analysis of ON / OFF hook, Ring detection.

Study of power supply

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