



Hybrid Ip-Pbx Trainer

Category: Home & Building Automation · Model reference: MZM-1005



SPECIFICATIONS

DESCRIPTION

A Private Branch Exchange (PBX) or a Private Automatic Branch Exchange (PABX - which is out of fashion since all modern day PBXs are automatic), is a phone switch serving a business or organization and is usually located on the organization's premises. The PBX provides phone services including internal calling, and access to the public switched telephone network. It allows a small number of outside lines to be shared among all of the people of the organization. Advanced PBX phone switches sometimes provide auto-attendant, voice-mail, and ACD (automatic call distribution) services for the organization

FEATURES

MZM PABX trainer feature real Private Automatic Branch Exchange (PABX) products that have been specially modified for training. The systems are fully operational and modular in nature a set of experiments is designed to cover the theory, use, set up and installation practices in a comprehensive experiment manual to guide the students understanding the system. Easy Migration to VoIP (IP / IP Telephony) Designed to support convergence via modular architecture, this IP-enabled system facilitates a smooth migration towards VoIP, allowing voice and data communication to function harmoniously within the same network, assuring additional flexibility in the future.

EXPERIMENT TOPICS:

- Telephone System Fundamentals
- Key Telephone System Technology
- KTS/Hybrid System Technology
- PABX Technology
- PABX Components
- System Control
- System Overview
- Switching Network Design
- Switching Matrix
- PBX Call Processing Designs
- Wiring/Cabling Fundamentals
- PBX Peripherals
- Maintenance and Administration
- PBX Architectures
- Centralized Versus Distributed
- Availability
- Security
- Capacity
- Open systems

PBX MAIN UNIT x 1

- Hybrid IP PBXs combine the advantages of traditional telecommunications with the convergence of IP technology offering maximum feature and functional flexibility to handle all your business communication needs.
- Voice over Internet Protocol (VoIP)
- QSIG digital networking allows basic call handling (outgoing and incoming), closed numbering routing, and CLIP / COLP / CLIR / COLR
- Automatic Route Selection (ARS) / Least Cost Routing (LCR)
- Reliable networking via T1 / E1. E&M
- Multi-cell wireless integration
- Mobile phone integration
- TAPI 2 CTI interface (TAPI and CSTA)
- PC-phone PC-Console
- Advanced call centre function
- ISDN capability (BRI / PRI)
- Centralized voice mail

SPEAKER PHONE x 1

- 1 line x 16 Character non backlit LCD
- Caller ID name & number
- 12 Programmable Feature Keys
- Speakerphone
- Forward/ DND
- Mute/ Hold/ Flash
- Auto Answer/ Auto Redial
- Conference
- Message Waiting Key/ Lamp
- Hearing Aid Compatible
- Wall Mount Kit Included
- 2.5mm Direct Connect Headset Jack

DOOR PHONE x 1

- 2-way conversation at front gate or door
- Can be mounted on any flat surface, or over an electrical junction box
- Requires one pair of wires connected to the control unit, internal wire-clamp terminals for two stripped wires
- Requires Door/opener card and the phone system

LCD KEYPHONE x 2

- 16 digits LCD Display
- Hands-Free Speakerphone
- Headset Jack
- Dial Lock
- 30-Station One-Touch / Speed Dialing Numbers
- Data Port
- Call Restriction \
- Auto Pause
- Electronic Volume Control
- Auto Redial
- Electronic Hold on Music
- 3-Step Ringer Selector
- Telephone Line-Powered Operation
- Mute

4 PORTS DOOR PHONE CARD

- Door phone and door release card for four door phones, which is suitable for the
- Enables up to 2 X door phone units to be activated by any handsets
- Ribbon cable connector x1
- Terminal box x 2
- Door phone terminal x 2

KEYPHONE x 3

- Redial
- Electronic handset volume control
- Wall/desk mountable
- Ringer control: off/lo/hi

MAGNETIC DOOR 12VDC

- 12VDC Input X 1
- Time delay setting X 4
- Door manual switch X 1

DOOR PHONE TERMINAL BOX

- Terminal box input X 2
- Door phone terminal X 4

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