MDX-50
DIGITAL EPAX

BPL MDX 50 – is used to form private networks or PCCG type of networks with similar types of exchanges. This system comes with a proven digital non-blocking technology. The MDX 50 is a cost effective high performance communication system.

Technology and architecture:

MDX 50, a digital EPAX, built around the BPL microprocessor TMB1A employs TDM-FDM technology with a fully non-blocking switching network. High system reliability is ensured by automatic online diagnostics. The software is highly structured and a clear interface exists between hardware and software. It can be connected to PSTN central office trunk. It can support EAM.

The MDX-50 can perform different activity with following cards:

- Power Supply Unit (PSU)
- Control Processing Unit (CPU)
- Digital Switch Card (DSC/MC)
- Digital Optical Card (DOCP)
- Line Interchange Circuit (LIC)
- E&M Trunk Interface Card (E&MC)
- Trunk Interchange Card (TIC)

System features:

- 48 subscribers / 16 trunks
- Stored program control
- Interface with PCCG, EAM, CO trunks
- EAM Networks
- Non-blocking switching network
- Modular in construction
- Answer
- Flexible Directory scheme
- Direct outward dialing
- Priority
- Pulse / ETMF Dialing
- Reminder
- Paging-* (Optional)
- Trunk call
- Trunk grouping
- Alternate routing
- Four party conference
- In-build call diagnostics
- Music on Hold
- Easy data entry through Telephone

Extension features:

- Local call
- Call transfer
- Call hold
- Call forward on Busy
- Call forward on no answer
- Auto call back
- Follow me
- Call pickup
- Appointment
- Do not disturb
- Paging
- Conference

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