

# MDX-50 DIGITAL EPAX

BPL MDX 50 – is used to form private networks or PLCC type of networks with similar type 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 8 bit microprocessor Z80A, employs TDM-PCM technology with a fully non-blocking switching network. High system reliability is insured by automatic on line diagnostics. The software is highly structured and a clear interface exists between hardware and software. It can be connected to P&T central office trunk. It can support E&M.

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

- Power Supply Unit (PSU)
- Central Processing Unit (CPU)
- Digital Switch Card (DSWIC)
- Digital Optional Card (DOPT)
- Line Interface Circuit (LIC)
- E&M Trunk Interface Card (EMTIC)
- Trunk Interface Card (TIC)



## System features:

- 48 subscribers / 16 trunks
- Stored program control
- Interface with PLCC, E&M, CO trunks, E&M Networks,
- Non blocking switching network
- Modular in construction
- Flexible Directory scheme
- Direct outward dialing
- Priority
- Pulse / DTMF Dialling
- reminder
- Paging \* (Optional)
- Transit call
- Trunk grouping
- Alternate routing
- Four party Conference
- In-Build self Diagnostics
- Music on Hold
- Easy data entry through Telephone

## Extension features:

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

**HEAD OFFICE:** BPL TELECOM PRIVATE LIMITED, BPL Towers, No.13, 2<sup>nd</sup> Floor, Kasturba Rd., Bangalore – 560 001. Tel: +91-80-22105748, 41276672 Fax: +91-80-22105747.

**FACTORY:** BPL TELECOM PRIVATE LIMITED, System House, Palakkad - 678 007, Kerala. Tel: +91-491-2573151-60 Fax: +91-491-2573150.

Visit us at: [www.bpltelecom.com](http://www.bpltelecom.com)

**Branches:** Agra: Ph: 94104 06994; Ahmedabad: Ph: 079 26750016; Bangalore: Ph: 080 22105741/42/44/45. Bhopal: Ph: 0755 2764350, 4273474; Bhubaneswar: Ph: 94370 25717; Chandigarh: Ph: 98764 50506; Chennai: Ph: 044 28115180/86, 28110540; Coimbatore: Ph: 0422 2544292, 2544293, 98431 65432; Goa: Ph: 98231 73096; Hyderabad: Ph: 040 23261103/04, 98490 29556; Hubli: Ph: 98451 99895; Jaipur: Ph: 98291 66063; Kanpur: Ph: 98393 67345; Kochi: Ph: 0484 2381174/76; Kozhikode: Ph: 0495 2723916, 3043916; Kolkata: Ph: 033 22810038/39, 98300 72081; Lucknow: Ph: 0522 4047806, 98106 31509; Ludhiana: Ph: 98764 50506; Madurai: 98431 96160; Mangalore: Ph: 99809 11705; Mumbai: Ph: 022 24146677, 98215 21077; Nagpur: Ph: 0712 2226124, 98231 77227; New Delhi: Ph: 011 26218114, 26435853, 98682 80256; Pondicherry: Ph: 98431 96190; Pune: Ph: 020 25510432/33, 98230 81757; Trichy: Ph: 98431 96170; Thiruvananthapuram: Ph: 0471 2315141.