

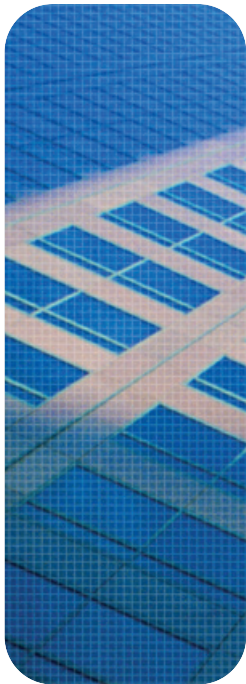


## Features available on the Xen IPK system

- Account Code Entry
- Account Code - Forced/Unverified
- Account Code - Forced/Verified
- Add-On Conference
- All Call Page
- Alphanumeric Display
- Ancillary Device Connection
- Answer Hold
- Answer Key
- Assigned Night Answer (ANA)
- Attendant Add-On Console
- Attendant Camp-On
- Attendant Positions
- Attendant Station Outgoing Lockout
- Attendant Transfer
- Authorisation Code
- Automatic Answer with Delay Message
- Automated Attendant
- Automatic Callback
- Automatic Call Distribution (ACD)
- Automatic Call Distribution (ACD Plus)
- Automatic Carrier Routing
- Automatic Day/Night Mode Switching
- Automatic Hold
- Automatic Redial
- Automatic Release
- Automatic Trunk-to-Trunk Transfer
- Background Music - Multiline Speaker
- Background Music Over External Speakers
- Barge-In
- Battery Backup - System Memory
- Battery Backup - System Power
- Busy Lamp Field on Multiline Terminals
- Call Alert Notification
- Call Appearance Keys (CAP)
- Call Arrival Keys (CAR)
- Callback Request
- Caller ID Call Return
- Caller ID - Incoming
- Caller ID - Outgoing
- Call Forward - All Calls
- Call Forward - Busy/No Answer
- Call Forward - Display
- Call Forward - Off-Premise
- Call Forward - Split
- Call Park - System
- Call Pickup Direct
- Call Pickup Group
- Centralised Voice Mail
- Class of Service
- Clock/Calendar Display
- Code Restriction
- Code Restriction Password Override
- CO/PBX, Tie Line Digit Restriction
- Computer Telephony Integration (CTI)
- Consecutive Speed Dial
- Cordless Telephone Connection
- Customised Message
- Data Line Security
- Delay Announcement
- Delayed Ringing
- Dial 9 For Attendant
- Dialed Number Identification Service (DNIS)
- Digit Insertion
- Digital Voice Mail
- Direct Inward Dialling (DID)
- Direct Inward System Access (DISA)
- Direct Inward Termination (DIT)
- Direct Paging Access
- Direct Station Selection
- Distinctive Ringing
- Do Not Disturb (DND)
- Door Lock Release Relays
- Door/Monitor Telephone
- DP to DTMF Switching
- Drop Key
- Dterm Series i Multiline Terminals
- DTU-type Multiline Terminal Migration
- Elapsed Call Timer
- Electronic Volume Control
- E&M Tie Lines (4-Wire)
- Equal Access Accommodation
- External Tone Ringer
- External Zone Paging (Meet-Me)
- Feature Access n User Programmable
- Flexible Line Assignment
- Flexible Numbering Plan
- Flexible Ringing Assignment
- Flexible Timeouts
- Full Duplex Handsfree
- Full Handsfree Operation
- General Purpose Relays
- Group Listening
- Handset Mute
- Handsfree Answerback
- Handsfree Dialling and Monitoring
- Headset Connection (Built In)
- Hold With Recall (Exclusive & Non-Exclusive)
- Hot Line
- Howler Tone Service
- I-Hold Indication
- Incoming Call Identification
- Intercom By-Pass CO Call
- Internal Voice/Tone Signalling
- Intercom Function
- Internal Zone Paging (Meet Me)
- ISDN-BRI Trunk Connections
- ISDN-PRI Trunk Connections
- ISDN Supplementary Services
- I-Use Indication
- Key Function/Multifunction Registration
- Large LED Indication
- Last Number Redial
- Least Cost Routing (LCR)
- Live Monitoring
- Loop Start Trunks
- Message Waiting
- Microphone Control
- Multiline Conference Bridge
- Multilingual LCD Indication
- Multiple Trunk Groups
- Multi-Zone Digital Cordless
- Music on Hold
- Nesting Dial
- Night Call Pickup
- Night Chime
- Night Transfer
- Off-Hook Ringing
- Off-Premise Extension
- One-Touch/Feature Access Key
- PC Attendant Console
- PC Programming
- Pooled Line (Outgoing)
- Power Failure Transfer
- Preset Dialling
- Prime Line Assignment
- Privacy on All Calls
- Privacy Release
- Private Lines
- Programming from Multiline Terminal
- Push Button Dial - DTMF or DP
- Quick Transfer to Voice Mail
- Recall Key
- Recall With Station Identification
- Redial Key
- Remote Programming
- Resident System Program
- Restriction (Outgoing)
- Ringing Line Preference
- Ring Tone Variation
- Route Advance Block
- Save and Repeat
- Scrolling Directories
- Secondary Incoming Extension
- Seized Trunk Name/Number Display
- Simplified Call Distribution
- Single Line Telephone Access
- SLT Adapter
- SLT Timed Alarm
- Softkeys
- Speed Dial n Station
- Speed Dial Stored Characters
- Speed Dial n System
- Station Camp-On
- Station Hunting
- Station Message Detail Recording (SMDR)
- Station Name/Number Display
- Station Outgoing Lockout
- Station Relocation
- Station Transfer
- Step Call
- Store and Repeat
- Stored Hookflash
- Synchronous Ringing
- System Data Up/Down Load
- Tandem Switching of 4-Wire E&M Tie Lines
- Tenant Service
- Three-Minute Reminder
- Tone Override
- Trunk Queuing
- Trunk-to-Trunk Transfer
- Two-Colour LEDs
- Uniform Call Distribution (UCD)
- Uniform Numbering Network
- Universal Slots
- Unsupervised Conference
- User Programming Ability
- Voice Mail Integration (Analogue)
- Voice Mail Message Key
- Voice Over Internet Protocol (VoIP)
- Voice Over Split
- Voice Prompt

\* Automatic Call Distribution Plus (ACD Plus) advanced call center solution planned for availability in late 2003.

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IPK is a word and device trademark of NEC Business solutions Ltd.



## Xen IPK System Capacity

	Xen IPK Basic	Xen IPK Expanded
Universal Ports	48	184
Outside Lines	16	64
Digital Handsets	32	120
Call Arrival Keys/Virtual Extensions	64	112
Reception Modules	4	4
Single Line Telephones	24	112
Speed Dialling	1000 system or 100 (80 system, 20 per station)	
Battery Backup	Standard or External	
Integrated Digital Voicemail (Xen Mail)	2, 4 or 8 ports	
Integrated Digital Voicemail (Xen Mail Lite)	2 or 4 ports	
Doorphones	4	
External Paging	Standard	
MOH/BGM Port	Standard	
Multiple MOH Ports	Yes	

## Dterm Series i handsets for NEC's Xen IPK

Specifications/Description	32-Button w/Display	16-Button w/Display	16 button Multi Display	8-Button w/Display	2-Button Non Display
Dedicated Function Keys	11	11	11	11	9
Line/FeatureAccess/Programmable					
Feature Access Key	32*	16*	16*	8*	2*
LCD	3 lines 24 characters	3 lines 24 characters	3 lines 24 characters plus 8 characters per programmable key	3 lines 24 characters	None
Call/Message Indicator Lamp	Yes	Yes	Yes	Yes	Yes
Adjustable Base Stand	Yes	Yes	Yes	Yes	No
Integrated Headset Connection	Yes	Yes	Yes	Yes	No
Volume Control Handset (Receiver)	Yes	Yes	Yes	Yes	Yes
Volume Control Speakerphone	Yes	Yes	Yes	Yes	Yes
Handsfree Speakerphone	Yes	Yes	Yes	Yes	Yes
Volume Control Headset (Receiver)	Yes	Yes	Yes	Yes	No
Ring Volume Control	Yes	Yes	Yes	Yes	Yes
Brightness Control-LCD Contrast	Yes	Yes	Yes	Yes	No
Phone Colour	# White or Black	# White or Black	# White or Black	# White or Black	Black
Softkeys	Yes	Yes	Yes	Yes	No
Wall Mount Unit	Built-in	Built-in	Built-in	Built-in	Built-in

### Optional Accessories

Add-on Module	Yes	Yes	Yes	Yes	No
Analogue Port Adapter without Ringer	Yes	Yes	Yes	Yes	Built-in Data Port
Analogue Port Adapter with Ringer	Yes	Yes	Yes	Yes	No
Ancillary Device Adapter	Yes	Yes	Yes	Yes	No
CT Adapters (RS232 or USB)	Yes	Yes	Yes	Yes	No
IP Adapter^	Yes	Yes	Yes	Yes	No
Power Supply Connection	Yes	Yes	Yes	Yes	No



To find out more about the Xen IPK, Dterm Series i and how NEC's powerful and versatile technology platforms can work for you, contact us during business hours (Australia only), 1800 036 136 or contact your authorized NEC Channel Partner.

Empowered by Innovation



\*Keys may be programmed to support a variety of combinations. \*\*Speed dial version has five dedicated function keys. Non-speed dial version has three. \*\*\*8 one-touch speed dial keys available. # White Handsets available on the Xen IPK and Xen Alpha only. Note: Features may vary based upon system supported. ^ Not available at the time of launch.