

System Features

Features

- Abbreviated Dialing
- Account Code (Optional / Forced)
- Alarm Clock
- Alarm Display (Main AC Power Fail)
- Alphanumeric Display
- Analog CLIP
- Audio Communication Interface (ACI)
- Automatic Call Distribution (ACD)
- Automatic Repeat Dialing
- BGM (Background Music)
- Break In
- Call Forward
- Call Pickup
- Call Redirect
- Call Timer
- Camp On
- Class of Service
- Conference
- Continued Dialing
- CTI (First Party)
- CTI (Third party)
- Data Communication Interface (DCI)
- Data Privacy
- Dial Block
- Digital Networking
- Direct Inward Line (DIL)
- Directory Dialing
- Direct Station Selection
- Direct Universal Dialing (DUD)
- Distinctive Ringing (Tone & Flash Patterns)
- DISA (Direct Inward System Access)
- DLS Console
- Do Not Disturb
- Do Not Disturb/Call Forward Override
- Doorphone
- DSS Console
- Dual Line Appearance
- External Alarm Sensor
- External Call Forward
- External Music On Hold
- E&M Analog Trunk
- Flash
- Flexible System Numbering
- Flexible Route Selection
- Follow Me
- Forced Trunk Disconnection
- Group Hunt
- Group Listening
- Group Step Calling
- Handsfree (Speaker & Microphone)
- Headset Operation
- Hold
- Hotel / Motel
- Hot Line
- Intercom
- Intercom Abandoned Call Display
- Intercom Off-Hook Signaling
- ISDN Capability (EURO)
- Key Touch Tone
- Last Number Dialing
- LCR (Least Cost Routing)
- Line Preference
- Long Conversation Cutoff
- Long Conversation Warning
- Meet Me Paging Answer
- Meet Me Paging Conference
- Meet Me Paging Transfer
- Memo Dial
- Message Waiting
- Multi-Language Displaying
- Music On Hold
- Name Storing (Trunk & Station)
- Night Service (Manual / Auto)
- One-Touch Dialing
- One-Touch Serial Operation
- Paging
- Park Hold
- PBX Compatibility
- PC Attendant
- PC Based Voice Mail Connection
- PC Programming (Remote Maintenance)
- Preview Dial
- Prime Line Selection
- Privacy Release (Meet Me Conference)
- Private Line
- Programmable Function Key
- Pulse Metering
- Pulse to Tone Conversion
- Reason of Transfer Displaying
- Room Monitor
- Saved Last Number Dialing
- Secretary Call (Buzzer)
- Secretary Call Pickup
- Selectable Ring Tone
- Series Call
- Station Message Detail Recording (SMDR)
- Tandem Ring
- Text Message
- Time and Date
- Toll Restriction
- Toll Restriction Override
- Transfer
- Trunk Incoming Call
- Trunk Line Group
- Trunk Outgoing Call
- Trunk Port Disable
- Unsupervised Conference
- Virtual Extension
- Voice Over
- Volume Control
- Walking Toll Restriction

VAU

- Automated attendant for DUD and DISA
- Call Forward with Personal Message
- Condition Guidance Message
- General Message
- Incoming Queue Message
- Meet Me Paging Transfer by Personal Message
- Preamble Message
- VAU Fixed Message

Integrated Voice Mail

- Mail box services
- Conversation Recording
- Automated Attendant

Specifications

	dX-Z24	dX-Z96	dX-Z600+
Ports (digital ext./BRI)	40	124	528
Ports (digital ext./PRI)	—	102	596
Digital extension (Max.)	16	72	416
Analog extension (Max.)	8	60	408
Analog Trunks (Max.)	16	52	192
PRI Circuits (Max.)	—	1	6
PRI Channels (Max.)	—	30	180
BRI Circuits (Max.)	12	26	96
BRI Channels (Max.)	24	52	192
	Common Digital Terminals		
	Common Software Platform		
	Common Cards		

*All figures represent maximum system capabilities



Guaranteed NEC INFRONTIA Quality
 When you buy dX-Z Series products, you also buy part of the NEC INFRONTIA legacy that began in 1918. As a world-wide manufacturer of telecommunications and electronic systems, we produce all of our products with performance and reliability in mind.

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dX-Z Series

Integrated

Communication

Exchange System

Nitsuko



Built smart and tough enough to meet the highest standards — yours

The dX-Z Series (dX-Z600+, 96 and 24) are built in our ISO 9002 approved manufacturing facilities to uphold NEC INFRONTIA's legendary reliability standards. These systems feature intelligent design and high durability. Port-based design, single pair wiring and modular components allow easy expansion of the basic systems. The dX-Z24 can be upgraded to 40 ports, 24-BRI channel by 16-extension system. The dX-Z96 can grow to 52-BRI channel by 72-extension full-featured system. The dX-Z600+ can expand to 596 ports featuring digital networking as well as third-party Computer Telephony Integration (CTI) applications.



Voice Mail Unit (PVMU/4PVMU)

The Voice Mail Unit incorporates an array of voice announcement and recording features such as Automated Attendant, Conversation Recording and Leave a Message—a great help when you're away from your desk or otherwise occupied.

Fixed guidance messages offer valuable assistance to callers from within and outside of your organization. The power of digital technology shows in the unit's quick response and superb voice quality. And the dX-Z Series have an interface card specifically designed for them.

DCI-L

DCI-L can be installed in NEC INFRONTIA 24-key telephones, and provides addition that enables Key Telephone users to use a modem, facsimile or other compatible device. And there's no need for separate wiring or an additional ASTU/Ringer.



CLIP

This feature displays the telephone number and/or name of callers, enabling you to identify them before answering the phone.



Call from non-CLIP Service Area

Call with CLIP information displayed

Angle Adjustment

dX-Z Series telephones features angle adjustment capability, allowing you to set the phone to the position that gives you the clearest view of the display while maximizing operational unit.



Angle is adjustable in 3 steps

Function Approach Display and Soft Keys

24 key Executive and 12 key Executive Telephones are equipped with four Soft Keys, unmarked buttons which are situated directly beneath the display. The function of each of the Soft Keys depends on the current status of the extension. Whether you're making or receiving an outside call, an internal call, or setting up or participating in a conference call—any phone use situation—Soft Keys offer access to over 60 features tailored to specifically fit your needs.



Soft Key Display Example While Placing ICM Call (to a Busy Station)

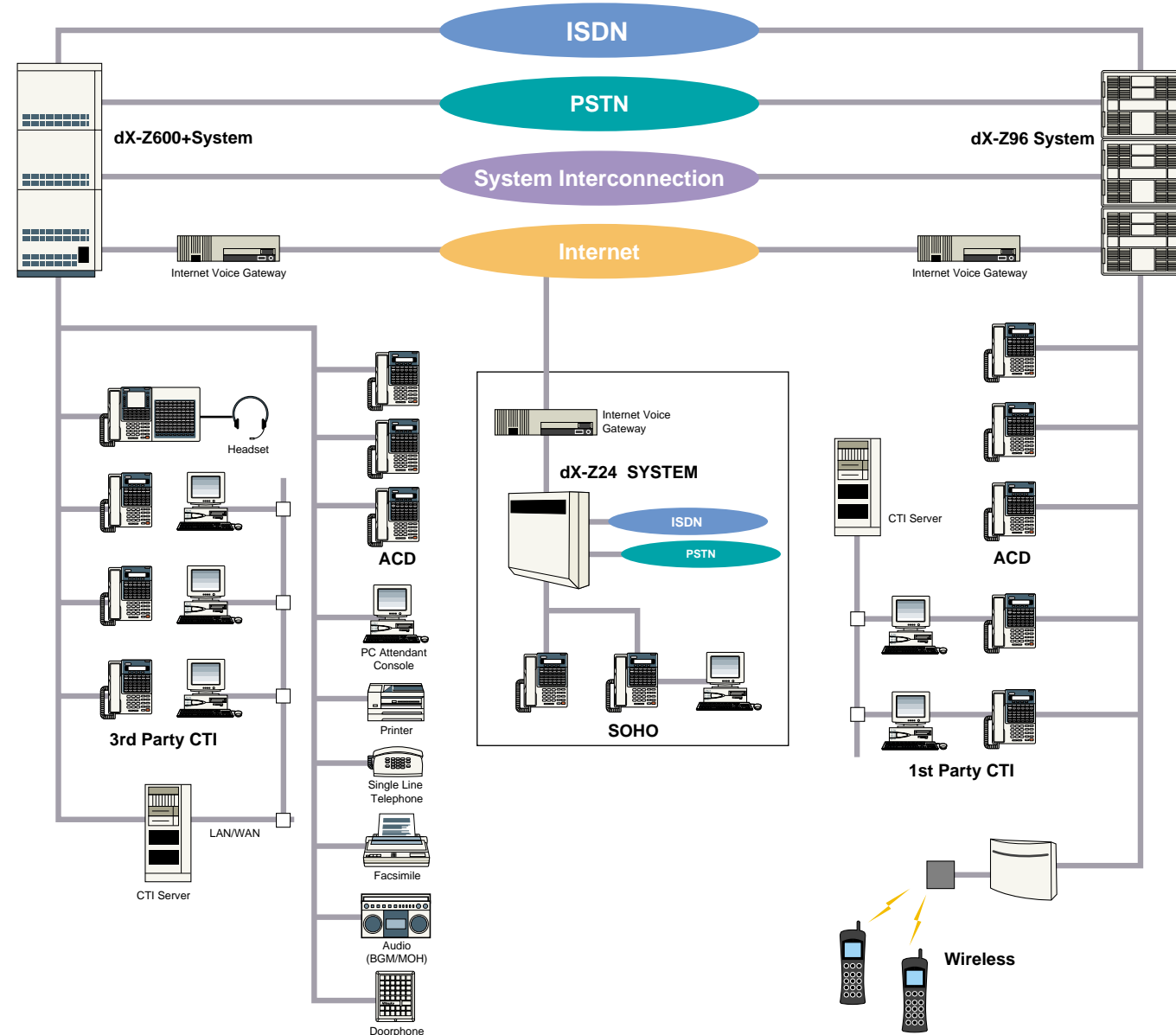
First-tier Display Indication	Second-tier Display Indication
1 Bypass Call	NIL
2 Message	NIL
3 Break in	NIL
4 Step Call	NIL
5 Overriding	a Bypass Call b Message c Single/Voice d Step Call

Highly functional, highly flexible communications power

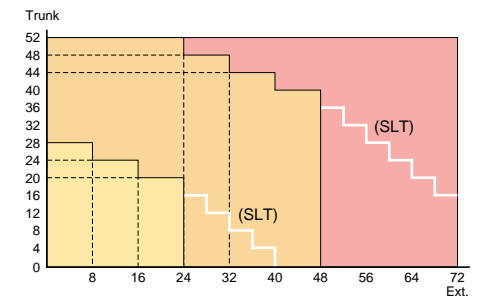
A comprehensive set of features, easily configured to fit your needs, yet powerful enough to meet the most demanding application challenges.

- Full Euro-ISDN compatibility
- Digital Networking
- Built in Automatic Call Distribution (ACD) to equally distribute the work load among member agents (dX-Z600+/96)
- Provide first-party CTI
- Provide third-party CTI (dX-Z600+/96)
 - High cost performance for large systems
 - More sophisticated features
- Shared Software Migration Paths (dX-Z600+/96/24)
 - Easy programming
- Common key telephones throughout dX-Z600+/96/24 systems
 - Protection of investment
- Same optional cards throughout dX-Z96/24 systems
- Integrated Voice Mail Unit
- Built in Hotel/Motel software (dX-Z600+/96)
- Open Architecture Interface (OAI) for third-party application development
- TAPI compatibility to put dX-Z600+/96/24 on the cutting edge of CTI and office automation
- Text messaging to let you select from up to 20 pre-programmed messages
- Integrated Automated Attendant to handle six calls simultaneously
- User friendly, simple operation
- CLIP for advance identification of incoming callers

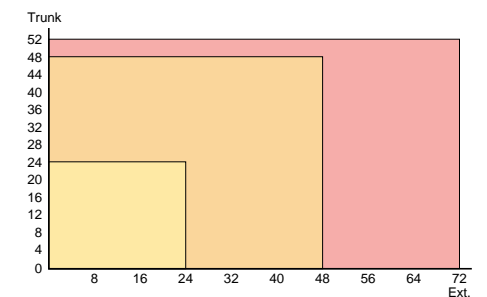
- PC Attendant Console
- Wireless technology
- Automatic Route Selection allows modification of call routing
- Repeat Dialing of busy numbers
- A complete lineup of highly functional telephones
- Interactive two- and eight-line Digital Display Telephones
- Dual color (red/green) LEDs on all multi-button telephones
- Analog and Digital Single Line Telephones for PBX-type operation
- One-button access to most commonly used features
- Voice Over for discrete announcing of critical information
- Voice and data capability to workstations



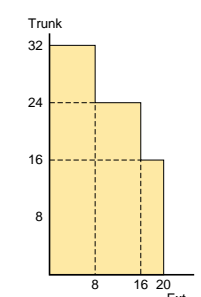
•Analogue Trunk / Extension (dX-Z96)



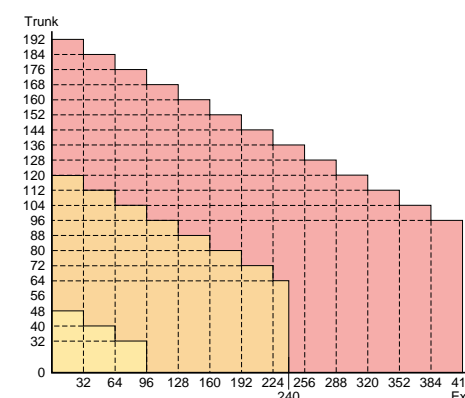
•ISDN (BRI) / Extension (dX-Z96)



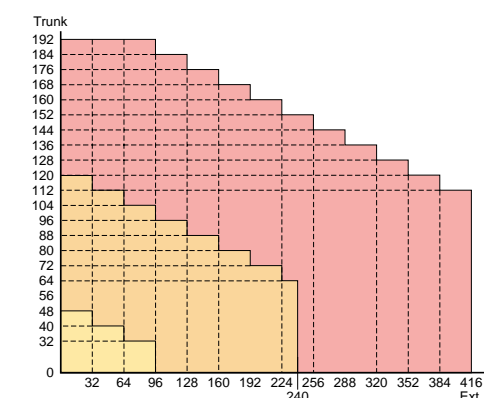
•Trunk / Extension (dX-Z24)



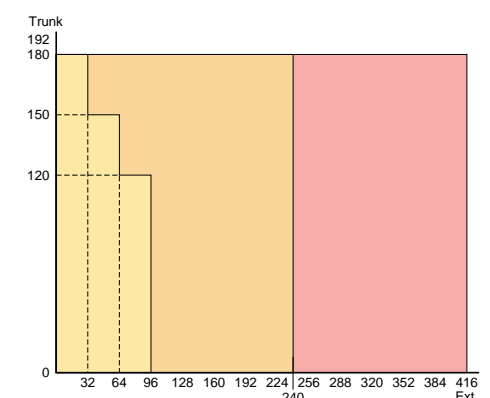
•Analogue Trunk / Extension (dX-Z600+)



•ISDN (BRI) / Extension (dX-Z600+)



•ISDN (PRI) / Extension (dX-Z600+)



■ First Cabinet ■ Second Cabinet ■ Third Cabinet

Superior Performance, Functionality, Ease of Use

User-Friendly Displays

The ability to insert a Voice Mail printed circuit card into one of the slots in a Main unit saves valuable space. One Internal Voice Mail Card has four Voice Mail channels (with a daughter board, four more channels can be added) and 15 hours of message storage at 32kbps.

Speaker

Used for loudspeaking and paging, the speaker also provides on-hook voice announce to allow handsfree answerback.

Large LED Lamp

A visual ring indicator flashes when your phone receives a call. Distinctive ringing tones also help distinguish between different types of calls. The LED lamp indicates both Incoming Call and Message Waiting.

One-Touch Keys

Press a One-Touch Key to reach colleagues or outside callers quickly, or to access special features. With display prompts alongside, the functions of these keys change as required to allow voice mail operation and feature access.

Programmable Function Keys

Programmable Function Keys provide one-touch access to features or telephone numbers, and can be configured to suit your particular needs — giving you more power right at your fingertips. With dual-color LEDs, they can also be used as a Busy Lamp Field to display the status of an extension or outside line. Choose from 12 or 24 Programmable Function Key versions.



24 Key Super Display Telephone
This full loudspeaking, top-of-the-range features three channel working so you can communicate with a PC, carry on a conversation and receive incoming calls – all at the same time. Intuitive displays, 24 programmable function keys and 10 one-touch keys simplify operation, while the large display makes it easier to access the corporate directory.



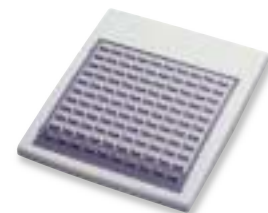
24 Key Executive Telephone
This set provides three channel working, making it ideal for connecting to PCs for CTI applications. The 24 programmable function keys and 10 one-touch keys simplify access to features, and handsfree minimizes interruptions to your work. The CL1 and CL2 keys indicate when callers are trying to get through while you're on another line.



12 Key Executive Telephone
This set provides virtually all the features of the 24 Key Executive but is standard single channel working. For convenience and simple operation, it provides access to 12 programmable function keys and 10 one-touch keys and supports CL1 and CL2 operation.



12 Key Standard Telephone
All the features of the 12 Key Executive are supported except for display. This set features handsfree, Paging and Message Waiting.



Direct Station Selection (DSS) Console
The DSS Console gives a keyset additional 100 programmable keys. These 100 DSS keys provide a Busy Lamp Field (BLF) and one-touch key for extensions, trunks, system features, and can even be used as one-touch dial keys. The DSS also has 10 fixed feature keys for Paging, calling Doorphones, activating Night Service and enabling DSS Console Alternate Answer. Two additional keys allow "shifting" between the first and second sets of 100 extensions.



Direct Line Selection (DLS) Console
This DLS Console provides 24 one-touch keys. Each key is assigned as a trunk key or a feature access key, and the console is capable of assuming all the functionality of the DSS console.



Digital Single Line Telephone
The Digital Single Line Telephone offers many keyset features and conveniences at an analog station set price. Talkback lets users answer Intercom calls without touching the phone. The four fixed feature keys provide quick access to many essential features. And the Message Waiting lamp always shows when there are unanswered messages.



Computer Telephony Integration (CTI) Applications

Computer Telephony Integration (CTI) applications give your office TAPI compatibility and external PC control. CTI takes your business to new levels of modern office productivity with:

Personal Computer Interface (PCI)

Use a Data Communication Interface (DCI) Module installed in your Super Display or 24-Button Display keyset as a Personal Computer Interface. Installing NEC INFRONTIA's TAPI software driver and TAPI-compatible software in your personal computer will allow your PC to operate your telephone. NEC INFRONTIA's TAPI software driver provides all basic TAPI services and a host of TAPI supplemental services.

Telemarketing Dial

Telemarketing Dial is PC-based dialing that enables your staff to canvas prospects quickly and efficiently. Third-party database software installed on your PC as an auto-dialer automatically looks up your clients and dials their numbers.

Database Lookup

Provided via CLIP information and TAPI-compatible third-party software, Database Lookup displays your caller's account information before the call is even answered.

CTI Kit

The CTI Kit enables you to start up first-party CTI with driver software, and DCI in combination with Gateway 95 Middleware makes it simple to build a link with the application currently in use.

Third-Party CTI

With the use of an Ethernet interface card, the dX-Z600+/96 is capable of building third-party CTI using TAPI 2.1, enabling the PC connected to the LAN to work as a CTI terminal without a direct connection between your extension and the PC.

