

The logo features a large, stylized blue letter 'P' on the left side. To its right, the word 'Panasonic' is written in a bold, black, sans-serif font. Below 'Panasonic', the word 'BUSINESS' is written in a smaller, black, all-caps, sans-serif font.

Panasonic
BUSINESS

KX-NS1000 UNIFIED
COMMUNICATIONS
PLATFORM

THE FREEDOM TO BRING
YOUR WORLD TOGETHER



An IP Platform to Deliver Business Communication Solutions

Communication servers used for business should provide solutions to current real world business requirements such as: simplifying and improving communications, lowering costs, improving productivity, supporting SOHOs and diversifying of the workplace. They should do all of these while flexibly adapting to the way each organisation works.

The KX-NS1000 Business Communications Server by Panasonic is designed to deliver these solutions by integrating hardware and software components in a modular way, allowing you to tailor a communications system to your specific needs.

The system functions can easily be expanded by adding software applications and licences, enabling the system to meet the requirements of any company — no matter how large or small.

Furthermore, users of an existing Panasonic legacy PBX can easily migrate to an IP system by connecting a KX-NS1000. Legacy systems can also be expanded to perform partial migration according to the available budget.

You can easily integrate your system with the KX-NS1000, depending on your specific needs or budget, because the KX-NS1000 is suitable for all kinds of businesses or industries, such as sales, customer service, hospitality, healthcare, and home teleworkers.

Features of the KX-NS1000

Easy Setup See page 5

Even at remote locations such as the homes of teleworkers, IP phones can be easily installed from a single site and used as extensions. The same method can be used to extend a VPN to the entire office network for more secure communication.

Gradual IP Migration to Suit Your Budget See page 6

In addition to customers seeking total IP migration, the KX-NS1000 supports phased implementation of future IP migration for customers that wish to utilize existing equipment.

Cordless Solutions See page 10

Softphones and desk phones can be paired and used with a single extension number, which leads to improved work efficiency.

Varied Terminal Line-up See page 11 (DECT Portable Station) and pages 14-15 (Desktop Terminal)

A wide range of terminals and handsets are available to meet various user needs.





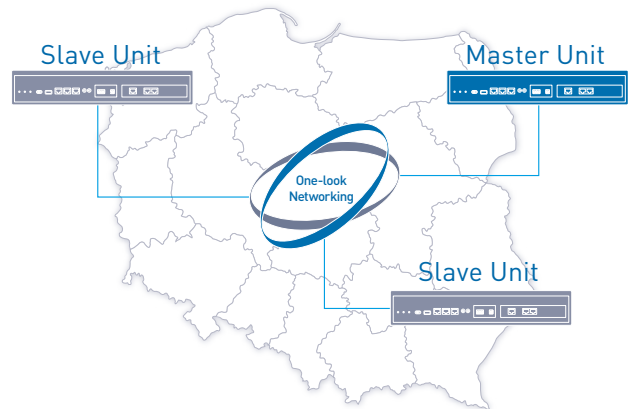
IP Networking – Flexibility

The KX-NS1000 fully supports IP, an open protocol for establishing real-time communication. Using IP effectively can result in compelling advantages such as improving user efficiency, and lowering communication costs.

Controlling the Systems at Multiple Offices as a Single System

One-look Networking

Panasonic's One-look Networking is a system where a single KX-NS1000 works and provides PBX features even though two or more PBXs are networked. It is not necessary to provide additional servers. The system can be expanded easily via a web based maintenance console. One-look Networking provides a maximum of 16 sites, and the large capacity of the KX-NS1000 supports up to 1000 users.

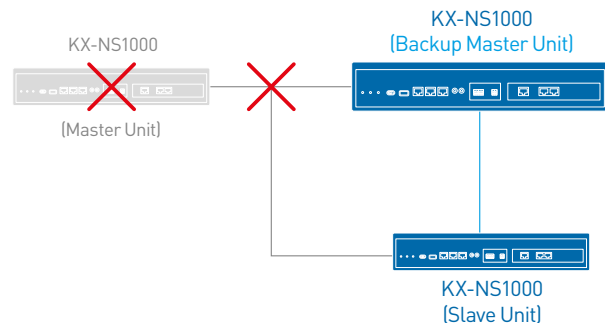


Reliable Backup System to Survive System Failures

One-look Networking Survivability

With One-look Networking, the system can continue to operate even in the event of a failover due to system trouble with the master KX-NS1000. By specifying a backup master site, the backup master site will act as the master site temporarily to continue communication services when there is trouble with the master site. This enables each site to continue operating independently. IP terminals only can also be registered to another PBX.

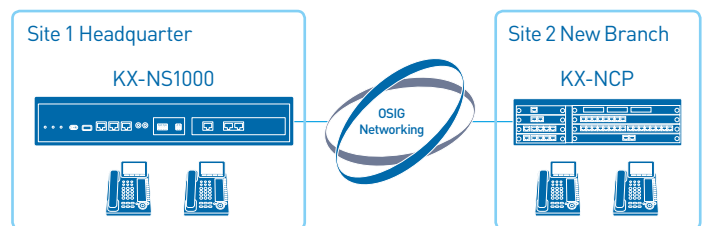
When system trouble occurs



Build Systems for up to 8000 Users

QSIG Networking Support

When the KX-NS1000 connects to existing PBXs such as the KX-TDE and KX-NCP via an ISDN private network or VoIP network (H.323), it is possible to flexibly increase capacity and provide QSIG features. QSIG networking is capable of supporting up to 8000 users and 17 or more sites on a network. It is not necessary to renew all PBX systems when the office population increases or a new branch is opened.



IP Networking – Easy Setup

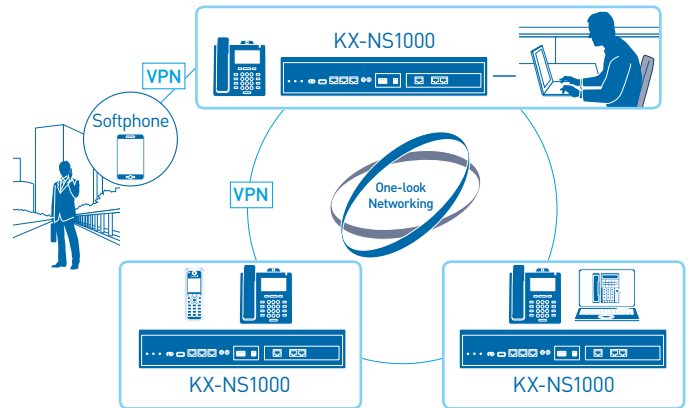
The KX-NS1000 enables you to use One-look Networking and activation keys to easily build flexible and user friendly systems with a low cost of operation. You can also install IP terminals in remote offices without having to visit them.

Easy Setup to Establish VPN Tunneling

Built-in Router

The router function built in* to the KX-NS1000 can be used to support VPN with networks built with One-look Networking. Since One-look Networking is used, settings can be configured for all offices at a single site. Also, since this can be achieved using activation keys, additional hardware is not required and you can establish secure connections at a low cost, even when communicating using a softphone on a smartphone.

*Requires an activation key.

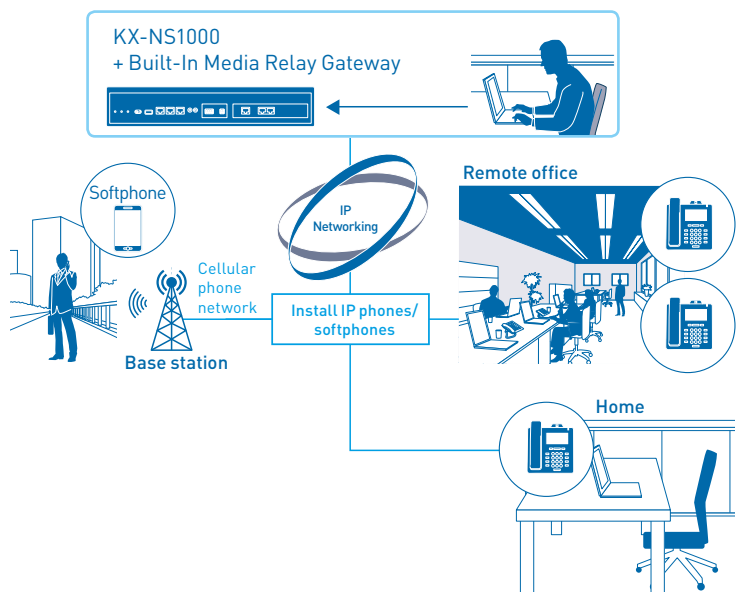


Remote Extension Setup

Built-in Media Relay Gateway

The built-in Media Relay Gateway (MRG) of the KX-NS1000 enables you to install IP phones in locations distant from the office, such as the homes of teleworkers. By connecting with IP networking, IP phones* can be configured remotely and used as KX-NS1000 extensions. Mobile workers using softphones can also use IP phones as extensions when they are away from the office.

*KX-NT500 series, KX-HDV series, and third party SIP phones are supported.



IP Migration

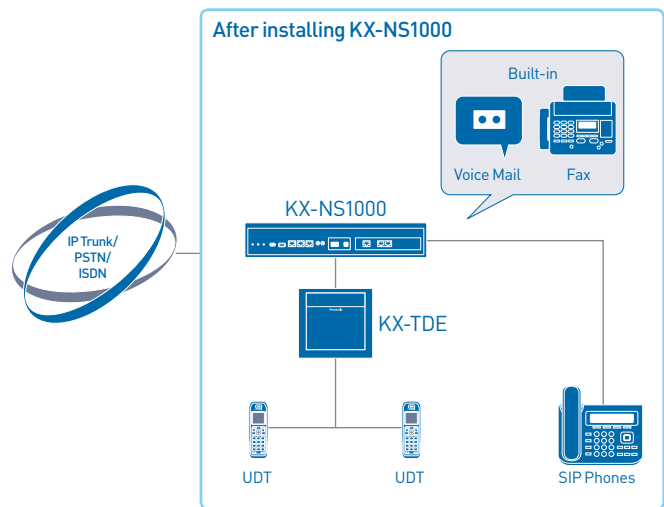
By connecting an existing Panasonic PBX system with the KX-NS1000, you can efficiently make legacy lines and terminals more expandable and flexible. The KX-NS1000 enables you to add IP capacity and functionality to an existing Panasonic PBX system at a low cost.

Phased IP Migration While Utilizing Existing Equipment

IP Smart Migration

By connecting the KX-NS1000 to an existing Panasonic PBX*, you can expand IP trunks and terminals and utilize the Unified Messaging feature of the KX-NS1000. This is also recommended for KX-NS1000 users that want to use legacy trunks and terminals for flexible system expansion. You can also use the KX-NS1000 as a server for adding a voice mail function. Assisted migration to an IP system, according to your budget and needs, is also available.

*An existing PBX refers to a Panasonic KX-TDE series, KX-NCP series, or KX-TDA100/100D/200/600/620.





Unified Communication

The KX-NS1000 gives you great flexibility for managing messaging services. Voice and fax messages can be received using the built-in Unified Messaging system in a number of ways; as e-mail attachments, through the KX-NS1000 IMAP4 server, or using the Communication Assistant. This means you can listen to voice messages using their phone or PC, for maximum flexibility.

Built-in Voice Mail

The KX-NS1000's built-in voice mail can handle incoming calls, record messages and conversations, and manage mailboxes all from a mobile phone. 2 channel and 2 hour voice storage is preinstalled, and this can be expanded to 24 channels and 1000 hours*. Voice mail resources can also be shared across the network (using One-look Networking).

*Requires an activation key and the storage memory to be changed.

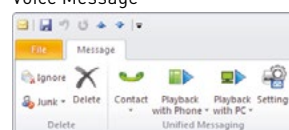
Built-in Fax Server

With its built-in fax server, the KX-NS1000 can receive, distribute, and send faxes. Received faxes can be saved in mail boxes and notify you via the message waiting lamp or e-mail, forwarded, printed, and downloaded.

E-mail Integration

KX-NS1000 sends an e-mail to notify you when you have new fax and voice messages. Fax and voice messages can also be received as attachment files. The KX-NS1000 also supports IMAP4 servers, so you can access the content of their mail boxes using a common e-mail client that supports the IMAP4 protocol, such as Microsoft Outlook.

Voice Message



Fax Message



Want to stay effortlessly connected while you're on the move?



UC Pro is Panasonic's unified communication application, offering you the ultimate communication solution. Ideal for all kinds of industries where fast, effective connectivity is key, and as the perfect partner to the KX-NS series, it's our most versatile, user-friendly system yet.

UC Pro has multi-device compatibility, easy-to-use functionality and complete on-the-go capability. It keeps the business world at your fingertips, wherever you happen to be.

Anyone, anywhere, any time

Ready to connect to any device

- Increased productivity through seamless communication
- New levels of flexibility through multiple communication formats
- Reduced communication time thanks to instant contact/video
- Multi-device capabilities for on-the-go communication
- One-package application including CTI, instant messaging, integration and more

Wide-ranging compatibility

- Outlook, Lotus and Datasource integration
- Smart phone, tablet, PBX/IP phone and PC integration
- Windows and Mac OS compatibility
- UC Pro mobile app downloadable from Google and Apple stores





This powerful application can be easily integrated into existing infrastructures and features:



Up to 2500 user capacity

Bringing fast, easy connection to your lines and across your business.



Voice call

Quick and accurate dialling straight from your PC/Device.



Text chat

Simpler and more accurate than email.



Audio chat

Smooth easy voice communication. Instantly share information through group chat.



Video chat

Remote meetings whenever they're needed. Reduce travel and out-of-office time.



Presence

Share your location and see where others are.



Favourites

Register your frequently used contacts for instant recall.



Search

Quickly find contacts from your datasources. Easily share directories with others.



Journal

Automatically record your entire call history. Instantly check previous call recordings.



Unedited

Easily view all your missed calls. Leave an out-of-office notification.



Planned

Record all your schedules. Receive pop-up notifications.



Extension

Pair with your PBX extensions. Switch to an outside line with one click.



Mobile integration

Easy connection to your phone and sharing of contacts.



Integrated Calendar

Simple integration with Microsoft Exchange scheduler.

Cordless Solutions

The KX-NS1000 provides solutions for linking to mobile phones for companies with many employees working outside the office or at home.

The Multi-Cell DECT System also provides various cordless solutions, enabling you to keep in touch with people in charge whenever and wherever they are, as long as they are within the coverage area.



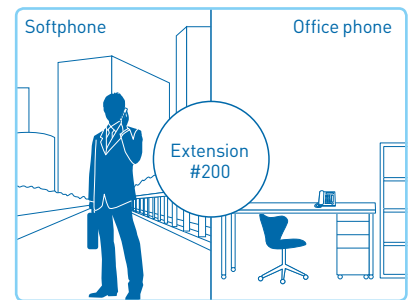
Mobile Phone Integration

There is no need for you to have multiple contact numbers for people who also use a mobile phone. The KX-NS1000 includes features for integrating mobile phones and smartphones with your office communications network, allowing mobile terminals including smartphones and softphones to be used just like office extensions – making and receiving calls and using system short dialling codes from mobile devices.

Using Desktop Phones and Softphones with the Same Number

One Numbered Extension

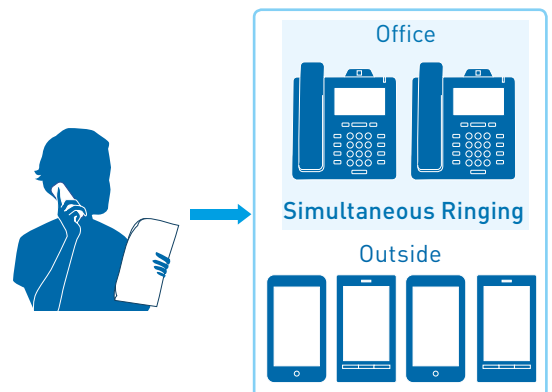
You can pair the desktop phone at your office with a softphone on your smartphone, enabling both phones to be called with a single extension number. You can also forward calls to the paired phone at the touch of a button. This enables customers to easily contact you using a single number.



Simultaneously Receiving Calls with Grouped Phones

Outside Destinations in ICD Group

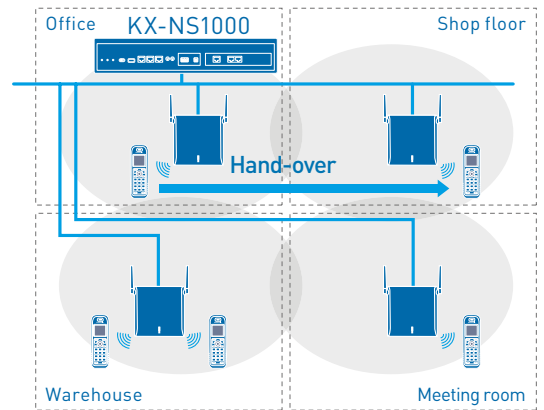
Up to four mobile phones can be assigned as members of an Incoming Call Distribution (ICD) group, and receive calls to the group. Calls to the extension in the office can be received simultaneously on mobile phones. This enables a member of the group to handle calls when the main contact person is away.





Multi-Cell DECT System

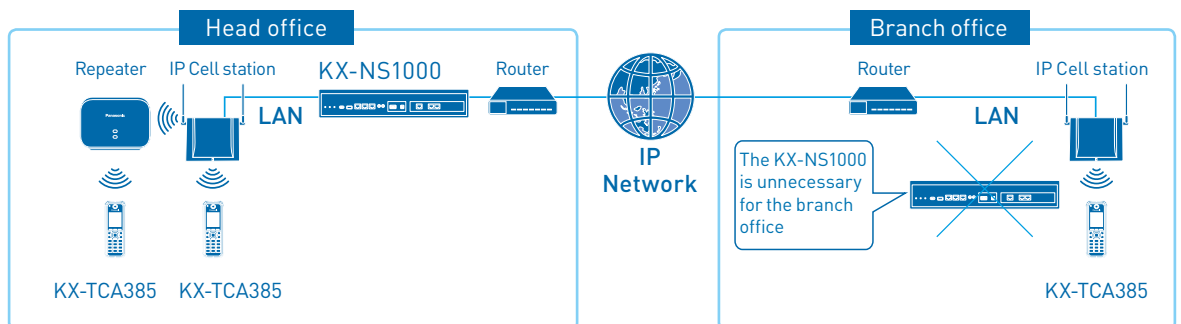
The Multi-Cell DECT System lets you carry on your conversation over lightweight, cordless extensions while you are away from your desk or moving around an office, factory, warehouse, or other large facility.



Expandable Call Range

IP Cell Station

An IP cell station allows you to connect a PBX via LAN. If there is a LAN in your work place, you can communicate with remote locations such as branch offices via an IP cell station, increasing the efficiency of your business. Even if you do not have a LAN, you can use a repeater to expand the range of calls within the same office. Feel free to expand the call range according to your business needs.



DECT Portable Station

Tough Model KX-TCA385



- Wideband Audio
- IP65 Compliant Dust Protection and Splash Resistance
- 12 Flexible Keys
- 1.8 inch Colour LCD
- Noise Reduction
- 3 Soft Keys
- DECT Paging
- Vibration
- Built-in Bluetooth

Dimensions (W x D x H) (mm): 55.0 x 23.0 x 151.5
Weight: 150 g (Belt clip is included)

Slim & Light Model KX-TCA285



- Wideband Audio
- 12 Flexible Keys
- 1.8 inch Colour LCD
- Noise Reduction
- 3 Soft Keys
- DECT Paging
- Vibration
- Built-in Bluetooth

Dimensions (W x D x H) (mm): 48.5 x 17.9 x 127.5
Weight: 88 g

Standard Model KX-TCA185



- Wideband Audio
- 12 Flexible Keys
- 1.8 inch Colour LCD
- Noise Reduction
- 3 Soft Keys
- DECT Paging
- Vibration

Dimensions (W x D x H) (mm): 48.2 x 25.4 x 146.3
Weight: 115 g

Conference Solutions

Various teleconferencing functions make work at or away from the company more efficient. These reduce business trip costs and speeds up decision making with smooth communication.

High Definition Voice Conference

For In-Company Staff

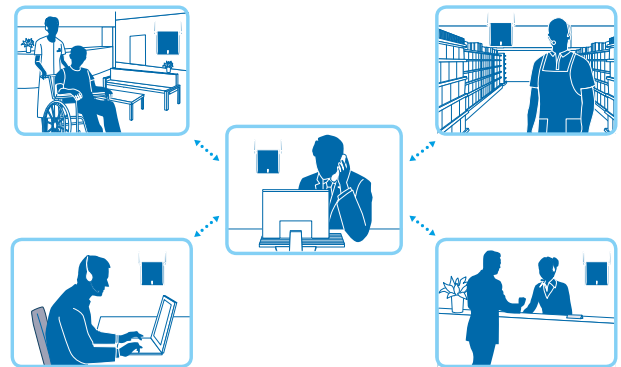
With the various voice processing technologies of the KX-HDV Series SIP phones and the KX-NT Series IP phones conferencing phone, an IP network can be used to perform low cost and high audio quality voice conferences.

Group and Conference Call Functions

For Directions to Staff around the Premises

The DECT paging function of this multi-cell DECT system enables you to both send instructions to and hold conversations with multiple colleagues (up to 32 people) at once*. This allows you to select a communication method suitable for conducting your work efficiently.

*KX-UDT Series cannot be used.



Conference Group Calls from Outside

For Outside Staff

Conference calls can be made simply by calling a phone number for a contact group registered in advance (up to 32 people, including the caller). This avoids using the charged voice conference services provided by telephone carriers.



Powerful Solutions to Meet Your Needs and Requirements



Sales

These days, personal customer contact is the key to gaining a competitive edge and ensuring customer satisfaction.

The flexibility and availability of sales staff are crucial factors for achieving success, and they can be enhanced with call handling, speed dialling, and more.

KX-NS1000 provides all that you need to keep in contact with and manage existing and prospective customers.



Customer Service

In customer service, incoming calls must always be routed correctly, and accurate call logs and reports are essential.

The unified message function and solutions of the KX-NS1000 meet these requirements.

To ensure the availability of the reporting system, the Panasonic application interface can also be fully integrated into many existing and new report applications.



Hospitality

In the hospitality industry, communication systems need to be flexible, economical, and user friendly enough to meet individual needs.

System management with PC integration is also essential.

The KX-NS1000 has the solutions to meet these needs. It can improve staff collaboration to provide higher quality service.



Factory

Inside large factories, it is essential to convey information smoothly and reliably. The same goes for contacting the outside world.

The KX-NS1000 provides solutions that enable uninterrupted high-quality conversations in the various environments found inside factories.



Terminal line-up

Panasonic provides various models of KX-NT series IP proprietary telephones to meet your needs.

KX-NT560

For Executives/Supervisors

For executive users that need a larger screen and higher specifications.

- 4.4 inch Backlight LCD Display
- 4 x 8 Self-Labeling, Flexible CO Buttons
- 2 Ethernet Port (1000 Base-T)
- Power-over-Ethernet (PoE)
- Built-in Bluetooth for Headset
- Eco Mode



KX-NT556 / KX-NT553

For Standard Users

For staff that often communicate with customers and want to make work more efficient.

- 6-Line (KX-NT556) or 3-Line (KX-NT553) Backlight LCD Display
- 12 x 3 (KX-NT556) or 12 x 2 (KX-NT553) Self-Labeling, Flexible CO Buttons
- 2 Ethernet Port (1000 Base-T)
- Power-over-Ethernet (PoE)
- The EHS port is compatible with Plantronics and Jabra headsets
- Eco Mode
- Options:KX-NT505



Option KX-NT505
Add-on 48-Key Module

KX-NT551

For Simple Users

For cost-minded staff that need to perform simple telecommunications.

- 1-Line Backlight LCD Display
- 8 Flexible CO Buttons
- 2 Ethernet Port (1000 Base-T)
- Power-over-Ethernet (PoE)
- Eco Mode



KX-NT546

- 6-Line Backlight LCD Display
- 24 Flexible CO Buttons
- 2 Ethernet Port (100 Base-TX)
- Power-over-Ethernet (PoE)
- Eco Mode



KX-NT543

- 3-Line Backlight LCD Display
- 24 Flexible CO Buttons
- 2 Ethernet Port (100 Base-TX)
- Power-over-Ethernet (PoE)
- Eco Mode





KX-DT546

Premium digital proprietary telephone

- 6-line graphical LCD with backlighting
- 24 freely programmable function keys
- Plantronics and GN Netcom Jabra wireless headset (EHS)-compatible
- Speaker phone, handset and headset with full duplex



KX-DT543

Executive digital proprietary telephone

- 3-line graphical LCD with backlighting
- 24 freely programmable function keys
- Plantronics and GN Netcom Jabra wireless headset (EHS)-compatible
- Speaker phone, handset and headset with full duplex



KX-DT521

Standard digital proprietary telephone

- 1-line Graphical LCD with backlighting
- 8 freely programmable function keys
- 2.5-mm headset port
- Speaker phone, handset and headset with full duplex



KX-DT590

48-button digital console

- 48 buttons, to be used in full flexibility, e.g.:
 - Direct station selection
 - Pre-programmable one-touch number dialing
 - Frequently used features
 - Busy station signalling
- Wall mountable

The KX-DT590 system console offers 48 freely programmable function keys with green/red LEDs that show the respective statuses of the terminals. It can be connected via a digital extension port, suitable for desk and wall mounting, and can be used in connection with the KX-DT546 and KX-DT543 digital terminals.



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KX-NS1000 unified communications platform.



Ready to take your communications
to the next level?

Talk to Panasonic today.

For more information on the KX-NS1000 business
communications solution, or for a discussion
about your communications requirements,
please get in touch using the details below.

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