



## **Endless Possibilities with a wide range of devices**

Panasonic PBX platforms support the stylish and intuitive Digital and IP telephones, SIP phones, and DECT wireless phones. And with support for IP softphones and Conference units - companies have an extensive choice of solutions to suit their unique business telephony needs.

**Every Call Matters**

## Panasonic Telephone Terminals - Perfect for any Business

Panasonic provides a wide range of telephone terminals to suit all your business needs, including Digital, IP, SIP, and DECT. All of which are compatible with Panasonic's range of solutions.

For businesses, personal contact with customers is a significant factor for success. Keeping in touch is at the heart of all communications - without any concern as to how the communication is conveyed: via IP, by traditional telephony or by employing wireless technology. What is crucial for businesses is quality and reliability. With such a wide choice of telephone terminals to choose from, Panasonic provides a solution suitable for all business industries including hospitality, health services, education, local council/government, sales, and much more.

### Which Panasonic Telephone Terminal Solution is Best for your Business?



#### Digital Telephony

Digital telephony was established in the 1980's as a technological progression from the traditional analogue telephony system. It is reliable and provides a wide range of features .

#### IP Telephony

During the late 1990's the internet really began to change the way data was communicated and the telephone industry progressed to using Internet Protocol (IP) telephony. IP Telephony today is just as reliable, has many advanced features, and be used in the home, local or remote office locations.



#### Session Initiation Protocol (SIP) Telephony

SIP Telephones are smart devices, having unique features combined with applications in mind. Ideal for remote offices or home workers.

SIP allows remote workers to connect back to the office over high-speed broadband IP network from virtually anywhere geographically, and because most VoIP providers don't charge anything for voice traffic that remains within the internet, there are significant cost savings for your business.



### IP Softphones

An IP Softphone allows a user to make calls from a PC or mobile device. Calls can be made in places where traditional phone are not available, whilst keeping down call costs, e.g. Airports, customer offices, or even your home broadband network.



### Digitally Enhanced Cordless Telephones (DECT)

DECT are portable advanced telephone devices, having many of the same features as a desktop, so no compromise. Needing a model for the office, or warehouse, is a simple choice with a wide range of models

### Telephone Terminal - Key Features

Whether you decide to choose digital or IP desktop phones all models are stylish, intuitive, user friendly and comfortable to use by all system telephone users, and are available with a choice of key features\*:

- High Visibility Back-lit LCD Display Screen
- Large Alphanumeric Displays
- Self Labelling Keys either Electronically or hand written
- Easy Navigation Key
- Multi-tilt Angle Adjustment Design
- Optional Hands-free Communication with Bluetooth Headset

\* Features not available on all models, please check with your local dealer.



### Reliability

Panasonic's telephone terminals are all assured by rigorous quality control and testing before they leave the factory, guaranteeing you piece of mind.

### Eco-Friendly

From the manufacturing process to the power consumption - Panasonic are committed to designing environmentally friendly products to help you reduce your energy consumption.



KX-DT333



KX-DT343



KX-DT346

## Advanced Digital Proprietary Terminals

The Panasonic KX-DT300 Series advanced desktop phones are designed for business users who require a range of feature-rich telephony devices to match their constantly changing business needs.

These easy to use, advanced business class telephone devices are designed for effective daily communications.

These telephones offer superb voice quality thanks to handsfree speakerphone and integrated headset port. The sleek, ultra-modern design, available in both black and white colour options, works well with any office decor.

Ergonomically designed with features and functions to enhance users daily productivity, they are ideal for many applications including contact centre agents, hotel rooms, to advanced desktop applications supporting a range of wired and Bluetooth headsets.

## Main Features

- Hands-free Communication with a Bluetooth Headset
- High-visibility white backlight
- Double-Tilt Design
- Large Alphanumeric Displays
- Easy Navigation Key
- Programmable Keys

\* Features not available on all models, please check with your local dealer.

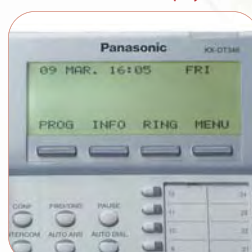
Optional Bluetooth Module



Programmable Keys



Back-lit LCD Display



Easy To Navigate



Multi-tilt Angle Adjustment



## Digital Proprietary Telephones



**KX-DT346**



**KX-DT343**



**KX-DT333**



**KX-DT321**



**KX-NT303**



**KX-DT390**

## Simple Integration

This advanced range integrates with Panasonic KX-TDA and KX-TDE as well as integration with the advanced KX-NCP Network Communications Platforms - allowing quick access to the entire spectrum of phone system features and applications.

Bluetooth® Module\*<sup>1</sup>

Message/Ringer Lamp

6 or 3 line -  
24-Character LCD

Connection for  
Additional Key Module\*<sup>2</sup>

Headset  
Jack

Programmable Keys\*<sup>3</sup>  
Programmable Keys are the red/green  
LED buttons. Self Labelling Keys are  
the LCD displays

Navigation Key

\*<sup>1</sup> Optional. All Models except KX-DT333 & KX-DT321

\*<sup>2</sup> Optional. KX-DT343 & KX-DT346

\*<sup>3</sup> Optional. KX-DT333 & KX-DT 343 & KX-DT346

Image: Model KX-DT346. Other Models may vary.



**KX-NT343**



**KX-NT346**



**KX-NT366**

## Advanced IP Proprietary Terminals

Panasonic's KX-NT300 Series IP telephones are stylish, intuitive, user friendly, and comfortable to use by all system telephone users.

Taking you to a new dimension in audio experience, communications productivity and flexibility to be located where you are; in the office, or at home.

These IP Telephones come with high quality hands-free speakerphone and offer superb voice quality thanks to advanced acoustic technology.

Packed with a whole host of features, the KX-NT300 Series IP telephones could not be any simpler to use and support a wide choice of advanced features designed to provide enhanced desktop usability and comfort.

## Main Features

- Large Alphanumeric Displays
- Electronic self-labelling keys
- Bluetooth module providing wireless headset support
- Easy navigation key
- A 2nd IP port to connect your PC
- Double tilt adjustment allowing separate and independent tilt control for phone base and LCD display

\* Features not available on all models, please check with your local dealer.

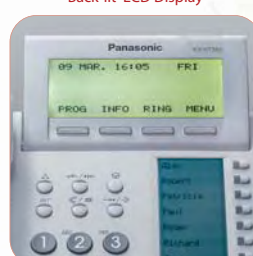
Optional Bluetooth Module



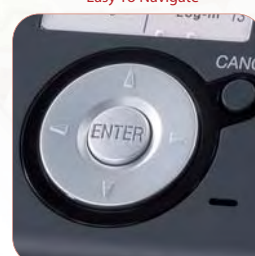
Self Labelling Keys



Back-lit LCD Display



Easy To Navigate



Multi-tilt Angle Adjustment



## IP Proprietary Telephones



**KX-NT366**



**KX-NT346**



**KX-NT343**



**KX-NT321**



**KX-NT303**



**KX-NT305**

## Integration with your Data Network

The NT300 Series IP terminals connect directly into your data network, and provide IP-Telephony features with enhanced levels of functionality and comfort. Users can easily connect their PCs to the company Local Area Network (LAN) using the built-in 2-port Ethernet switch on the back of the device - reducing desktop cable clutter.

Compatible with both Panasonic's KX-TDA and KX-TDE PBX's as well as the advanced KX-NCP Network Communications Platforms to allow quick and easy integration.



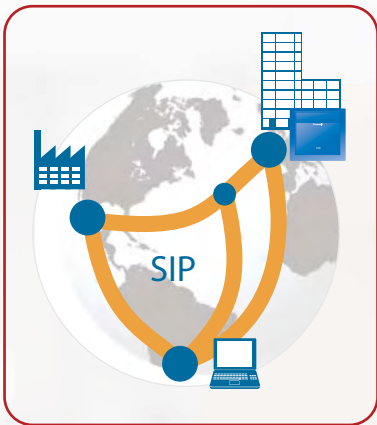
\*<sup>1</sup> KX-NT307. Optional. All Models except NT321

\*<sup>2</sup> Optional. KX-NT366

\*<sup>3</sup> Optional. KX-NT343/346, Image: Model KX-NT366. Other Models may vary.

## What is SIP?

Session Initiation Protocol or SIP is an open signalling protocol for establishing any kind of real time voice over IP (VoIP) communication sessions. A SIP session could be a simple two-way telephone call or it could be a collaborative multi-media session involving voice, video, web, or instant messaging.



The ability to establish these sessions means that SIP allows the possibility of a host of innovative services to enhance your business telephony needs.

SIP is still evolving and is being extended to provide not just telephony but a whole host of additional applications to help enhance the communication solutions available from voice to video to presence and a whole lot more.

## SIP Telephone Support\* -You Choose

Enhance your business with an integrated SIP solution designed to meet your ever changing needs - with wireless mobility, productivity applications, network solutions and a common infrastructure that supports companies with distributed and geographically diverse office locations and helps connect all your users with customers wherever they may be.

With built-in support for the latest SIP technology, the KX-TDE PBX or KX-NCP can support SIP telephones as standard extensions. Companies can now use Panasonic's KX-HGT100 SIP telephone or their own choice of standard SIP phones to support inhouse office users or remote workers, connecting back to the office over high-speed broadband IP network from virtually anywhere.



### KX-HGT100 SIP Telephone

#### Key Features

- Suitable for home workers or small remote offices
- SIP Protocol
- Hold, Transfer & Voicemail Access
- Speaker Phone
- Easy Installation
- PoE
- 2-Ethernet port
- Optional AC Adapter



## IP Softphone

Panasonic's KX-NCS810X IP Softphone module allows road warriors, sales and support staff, or any other power user to use their computer as an IP Phone for anytime, anywhere access to unified communications.

The user simply needs to connect to the broadband IP network over a managed broadband connection to enable the IP Softphone. All employees can be centrally connected to the corporate IP PBX - providing advanced desktop productivity based on highly cost effective VoIP communications.



## KX-NT700 IP Conference Phone

Busy schedules, deadlines, traffic jams and geographically dispersed offices - however make this a challenge. That's where the KX-NT700 IP Conference Phone becomes a great help.

The KX-NT700 IP conference phone is designed to save your business valuable time and resources, and makes setting up a conference call simple.



The KX-NT700 IP Conference Phone operates with your existing telephone system, or operates natively on your business or broadband data network. Calls on your network benefits from high audio clarity that makes conference calls much more practical.

Need to expand your meeting to another location? The KX-NT700 expandability allows 3 party conferencing to other IP conference phones and even supports web conferencing systems\*.

Someone late for the meeting and you need to conference them in? The KX-NT700 supports connection to Standard (PSTN) telephone networks so adding a remote mobile phone to the conference call is very simple. As your conference call develops, add other media into your meeting such as pictures, presentations, and even video.

Conference calls are productive and efficient when participants can hear each other in clear, crisp voice quality - even when two people are talking. KX-NT700 delivers great sound quality with impressive microphone range. Panasonic KX-NT700 - the next best thing to being there.

\* Future Software Version

## Wireless Solution for True Business Mobility

Businesses can increase employee availability and enhance customer service by providing un-hindered access to wireless telephony.

### Mobile/GSM Integration for Anytime Anywhere Mobility



Mobile phones are a compelling way for doing business outside of the office. The KX-NCP supports the latest mobile phone integration technology - enabling calls directed to an office extension to be redirected to a Mobile telephone at a lower, fixed cost. Calls can also be transferred back to an office extension or to office voice mail system.

Employees with mobile phones can also initiate calls to their customer from their mobile phones that appear to the external customers as coming from the company rather than the mobile phone - centralising all business communications.

Mobile telephones can even be integrated into ICD groups which allows incoming calls to ring both the desk phone and the mobile handset simultaneously, allowing users to pick-up their calls on either their desk phone or mobile phone thereby providing "one number" access - increasing contactability.

### Multi-Cell DECT Wireless for Office Mobility Solution

The Panasonic office mobility solution lets you carry on your conversation over lightweight, business-smart wireless DECT terminals while you are away from your desk or moving around the office. Using Wireless XDP (eXtra Device Port), users can set their DECT wireless handsets to have the same extension as their desk phone, and then receive calls even when away from their desk.

The Multi-Cell DECT System provides automatic hand-over between installed wireless cells - enhancing coverage and giving you true communication mobility even within large premises.



Easily see Incoming Calls and Messages



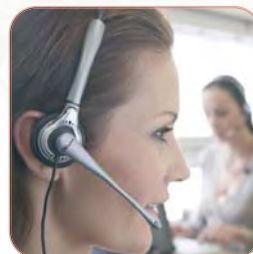
Easily to Dial in Dark Conditions



Easy to Read Blue Back-lit LCD



Headset Jack for Hands-Free Access



Water and Dust Resistant



## Elegant, Smart and Sturdy – Business Mobility Terminals

With basic, business, or tough-type DECT that is able to handle harsh environments - you can be assured that no matter what your needs - with Panasonic; you have the DECT Business mobility solution of your choice.

The KX-TCA256 DECT handset combines small size, light weight and durability, with a host of powerful business telephony features, while the KX-TCA155 is a good choice for users who want good basic performance at a lower cost. In addition, to handle tough environments - the KX-TCA355 ruggedised handset meets strict dust and splash resistant IP54 standards.



**KX-TCA155**  
Basic Model



**KX-TCA256**  
Compact Business Model



**KX-TCA355**  
Tough Type Model

- 6-line, Blue, backlit LCD display
- Illuminated Keypad
- Multiple Language Display
- Speakerphone
- Programmable Soft Keys
- PBX functionality support
- 200 Entry Phonebook
- Headset Compatible
- 9 Ringer Melodies
- 10 Programmable Hot Key Dialling
- Vibrate Alert\*<sup>1</sup>
- Meeting Mode\*<sup>1</sup>
- IP54 Dust and Splash resistant\*<sup>2</sup>

\*<sup>1</sup> KX-TCA355 and KX-TCA256

\*<sup>2</sup> KX-TCA355 only

## Enjoy superb mobility whatever your business demands

Whether you work in an office, a factory, a warehouse, a supermarket, or other large facility, the Multi-Cell DECT system keeps you in constant touch with colleagues and customers even when you are untethered and moving within the work environment. Communication can easily be further extended outside the office by enabling mobile integration functionality. Enjoy the freedom to communicate - wirelessly with crystal clear voice quality. Receive your customers' calls – wherever you may be and make the most of every business opportunity that comes along.

## Extending Office Mobility Wireless Communication

The KX-NCP systems allow wireless communications over an extended range by using multiple and High Density cell stations that boost the flexibility and mobility of your wireless handsets.

The system provides automatic hand-over between installed wireless cells - enhancing coverage and giving you true communication mobility even within large premises.

**KX-A272**  
Repeater



**KX-TDA0141**  
2ch Cell Station



**KX-TDA0142\***  
4ch Cell Station



**KX-TDA0158**  
8ch Cell Station



**Panasonic**  
ideas for life



**telecomservices**  
business communication specialists

118 Newcastle Road  
Castlewellan, Co Down  
BT31 9HF

Tel: 0800 279 3010 or  
+44 (0) 28 4377 8880

Email: [enquiries@telecomservices-ire.com](mailto:enquiries@telecomservices-ire.com)  
Web: [www.telecomservices-ire.com](http://www.telecomservices-ire.com)