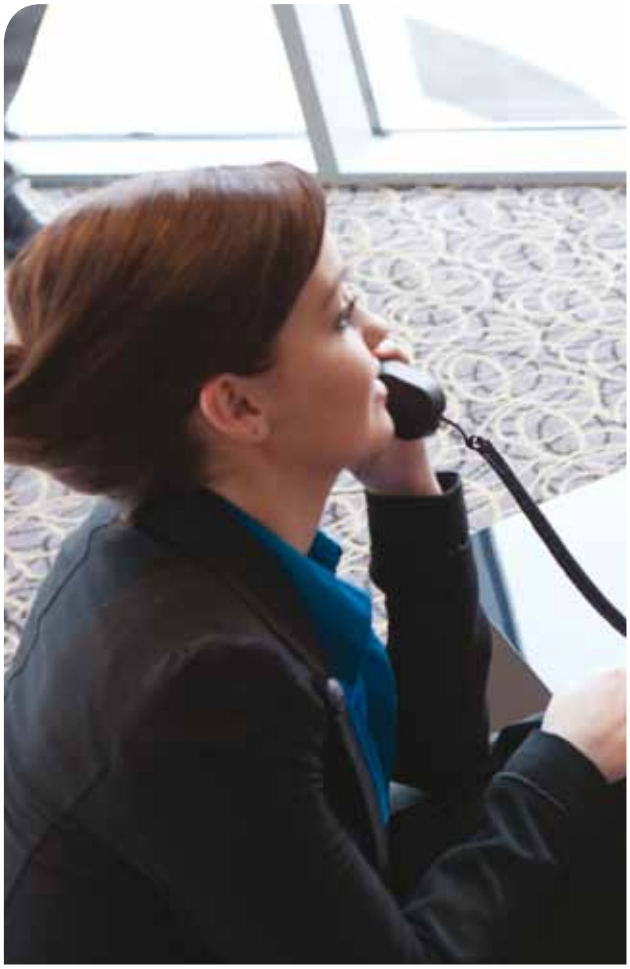
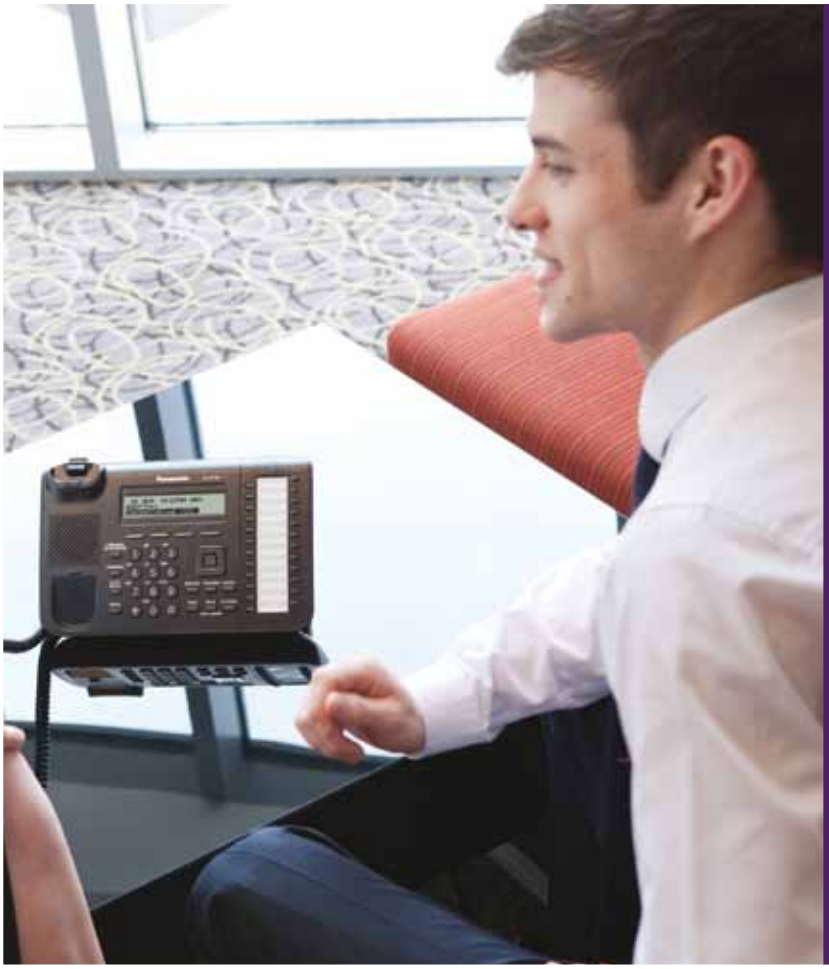
Panasonic
ideas for life





ALWAYS MORE THAN YOU EXPECT

PANASONIC SIP TELEPHONY TERMINALS

WITH **HD QUALITY**
AND MANY MORE **SUPPORTIVE FEATURES**
AND **APPLICATIONS**

ALL FROM ONE
SIP
Panasonic System Solutions

ALL FROM ONE
SIP
Panasonic System Solutions

WELCOME TO THE FUTURE **OF COMMUNICATIONS**

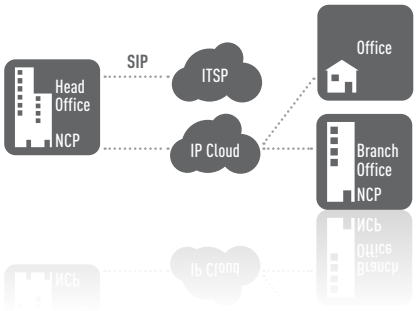
The Panasonic range of SIP telephony terminals enhances personal communications through excellent HD quality audio on every phone, combined with easy access to powerful supportive features and applications.

The range - from standard phones, SIP DECT units, executive terminals and touch-screen Smart Desk application phones - addresses all requirements at a competitive price.

Panasonic's reputation for design, quality, reliability and care for the environment, ensures an exceptional user experience wherever the terminals are deployed - as part of a "cloud based" service or with an IP PBX - in a business environment or in the home.

SIP – SESSION INITIATION PROTOCOL

SIP is rapidly gaining popularity as the protocol of choice for setting up communications sessions across IP networks; it is a real enabling factor for Unified Communications. Panasonic SIP terminals can provide solid UC solutions with support for industry leading systems such as Digium Asterisk and Broadsoft Broadworks.



SIP DECT

Combining DECT cordless technology with SIP brings together all the advantages of modern internet VoIP calls, classic business phone functionality and easy web based administration, ideally suited to small office and branch office solutions

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SIP CONFERENCING

Panasonic SIP based conferencing solutions are designed to save you valuable time and resources, by bringing together colleagues that need to keep in touch across multiple locations, providing high quality audio conferencing that can integrate with your daily business applications.

SIP TERMINALS – **KEY FEATURES**

ADVANCED TECHNOLOGY FOR AN ADVANCED BUSINESS

The Panasonic range of SIP terminals offers real choice when configuring solutions, whilst ensuring that configuration and installation will be simple and quick, thanks to advanced provisioning systems.

All the Panasonic UT series and TGP series terminals offer the following features for enhanced usability:

- Large, clear LCD display with easy to use interface
- High Definition "HD Wideband" voice, with full duplex speakerphone
- Certified for use with Digium Asterisk and Broadsoft Broadworks
- Easy configuration, with extensive provisioning options
- Extensive CODEC support includes: G.711μ-law, G.711A-law, G729a
- Environmentally Friendly – with power consumption as low as 1 watt in ECO mode

PLUG AND PLAY CONFIGURATION OPTIONS

The entire KX-UT range of SIP terminals features support for Provisioning, to provide "Plug and Play" configuration. Provisioning allows automatic, quick terminal configuration, using configuration files stored on a remote server.

> Businesses and Organisations do not have time to spend setting up phone systems. Today they expect to be able to just "plug and play".

> Panasonic offers partners access to a redirect server which allows the UT and TGP series SIP solutions to be configured simply and effectively, even remotely.

> All you have to do is plug in the phone, wait until it configures and then continue with your business.

PANASONIC CARRIER PARTNERS

Broadsoft – Connecting with a Market Leader

- BroadSoft provides VoIP application software that enables the delivery of hosted telephony and multimedia services. Its award-winning technology empowers wireless, fixed line and cable carriers to deliver next-generation voice and multimedia applications.
- BroadSoft provides VoIP applications to 7 of the top 10 and 13 of the top 25 largest carriers worldwide, including KPN, Telefónica de España, Telstra, T-Systems, and Verizon.
- BroadSoft is the world largest vendor of SIP soft switches.

Asterisk Certification

- The Panasonic KX-UT series and TGP series terminals are certified for use with Digium's Asterisk. Asterisk is the world's most popular open source communications project. Combining Panasonic SIP terminals with Asterisk makes it simple to create and deploy a wide range of telephony services.

KX-UT670 Smart Desktop Phone

KX-UT248 Executive Desk Phone

KX-UT136 Office Desk Phone

KX-UT133 Office Desk Phone

KX-UT123 Standard Desk Phone

KX-UT113 Standard Desk Phone

KX-TGP500 SIP DECT Series

MADE FOR YOUR SUCCESS
KX-UT SERIES

KX-UT670 Smart Desktop Phone

- Executives and Vertical markets
- Certified for Broadsoft and Asterisk
- Advanced touch-screen interface
- 7-inch touch-screen display
- Programmable (JAVA, HTML and Adobe flash)
- High quality wideband voice (Handset, Headset and Speaker phone)
- High quality HD video (H.264 / 720p)
- 2 Gigabit Ethernet ports, PoE
- Green (Low standby power consumption)

KX-UT248 Executive Desk Phone

- General office users
- Certified for Asterisk and Broadsoft
- 4.4 inch monochrome LCD
- Paperless key labelling
- High quality wideband voice (Handset, Headset and Speaker phone)
- 3-way conference call support
- XML Application Interface
- Built-in Bluetooth for headset
- EHS (Electronic hook switch)
- 2 Gigabit Ethernet ports, PoE
- Green (Low standby power consumption)

Touch Screen technology

High quality keys

Easy to read LCD displays

KX-UT136 Office Desk Phone

- Certified for Asterisk and Broadsoft.
- 24 Feature keys
- 3-way conference call
- XML Application Interface
- Phonebook - 500 entries, 5 numbers each
- 6 Line backlit LCD Display
- Electronic hook switch (Plantronics)
- 2 Ethernet ports, PoE
- Green (Low standby power consumption)
- High quality wideband voice

KX-UT133 Office Desk Phone

- Certified for Asterisk and Broadsoft.
- 24 Feature keys
- 3-way conference call
- XML Application Interface
- Phonebook - 500 entries, 5 numbers each
- 3 Line backlit LCD Display
- Electronic hook switch (Plantronics)
- 2 Ethernet ports, PoE
- Green (Low standby power consumption)
- High quality wideband voice

HD Wideband Audio

Easy navigation key

Programmable Feature keys

PANASONIC - THE BEST SIP **PERFORMANCE YOU CAN GET**

HIGH DEFINITION VOICE

The KX-UT Series of SIP terminals offers 'best in class' audio quality, meaning fewer misheard calls. These SIP terminals offer a superior audio experience to users.

INTEGRATION WITH CRM APPLICATIONS

Connecting the Panasonic KX-UT series terminals to a Broadsoft hosted service opens a world of CRM integration. Both incoming and outgoing calls can be handled from the desktop. By using Mondago Go Connect, access to a wide range of commonly used CRM systems can be achieved. Desktop and web based applications can now be used, offering productivity and a competitive edge.

REDUCED CABLING – ONE WIRE TO THE DESKTOP

Reduce the need to rewire the office when you expand your business. Many of the Panasonic SIP terminals include a second network port, allowing a second device to access the network with less cabling. This reduction extends to the power supply - all the UT series terminals support Power Over Ethernet. No more power adaptors cluttering up desks.

ELECTRONIC HOOK SWITCH (EHS)

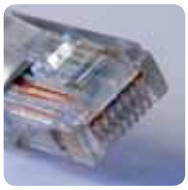
A built in Electronic Hook Switch allows certain SIP Terminals access to the Plantronics range of wireless enabled headsets, increasing portability and comfort as frequent users are able to move around freely. Plantronics is one of the world's leading suppliers of headset technology. Their range of high quality solutions enhances the high definition audio quality on the KX-UT series of SIP terminals.

KX-UT123 Standard Desk Phone

- Certified for Asterisk and Broadsoft.
- Easy operation
- 3-way conference call
- Phonebook - 500 entries, 5 numbers each
- Plug and Play configuration
- 2 x 10/100-BaseTX Ethernet ports, PoE
- Green (Low standby power consumption)
- High quality wideband voice

KX-UT113 Standard Desk Phone

- Certified for Asterisk and Broadsoft.
- Easy operation
- 3-way conference call
- Phonebook - 100 entries, 5 numbers each
- Plug and Play configuration
- 10/100-BaseTX Ethernet port, PoE
- Green (Low standby power consumption)
- High quality wideband voice



Power over Ethernet support across the range

ECO mode means low power consumption

ADVANCED **CONFERENCING SOLUTIONS**

The KX-NT700 Desktop IP Conference terminal provides a solution to meet the needs of those that keep in touch regularly with colleagues in multiple locations, providing a high quality audio conference solution that can integrate with your daily business applications.
Panasonic KX-NT700 - the next best thing to being there.

Asterisk®

KX-NT700 DESKTOP CONFERENCING SOLUTION

- High voice quality using a wideband speech codec (G.722 (16kHz sampling))
- Full duplex acoustic echo-canceller
- Speech speed conversion
- Conference recording with SD Memory Card
- 3-party conferencing

EFFICIENT

Set up meetings quickly and conveniently, without compromise.

QUALITY

Excellent sound quality ensures everyone understands the whole conversation

SAVE MONEY

Save on hotel and travel costs, whilst maintaining the feel of a live meeting.

STATE-OF-THE-ART – **THE NEW TGP SERIES**

The KX-TGP500 series brings together all the advantages of modern internet HD VoIP calls, classic business phone functionality and easy Web based administration, ideally suited to small office and branch office solutions. With high quality music-on-hold and answering Services, you won't miss important calls, thanks to this phone's integration with carrier class services. New messages are displayed on the handset, so you'll know someone tried to reach you even if you're away from your desk. For added convenience you can check on messages from wherever you are, with the answering service alerting you when you receive a new message via SMS.

VOIP CALLING WITH HIGH DEFINITION VOICE PERFORMANCE

Experience great call clarity when you make a VoIP call over the internet. The TGP500 series terminals support High Definition Sound Performance. This superior wideband audio quality lets you hear every detail in the other person's voice when they speak.

MULTI CHANNEL PHONE CALLS WITH MULTILINE FUNCTIONALITY

The TGP500 SIP terminals let you easily switch between 1 of 3 incoming calls at the touch of a button – so you can effortlessly choose the calls you need to answer. With extra handsets you can even experience the convenience of conference calling – letting you enjoy up to two, 3 party, conference calls at the same time. Alternatively, 3 calls can be managed at once.

FLEXIBILITY AND CONTROL

Design and control how to manage your calls easily, by configuring the system exactly as you need. With easy to use Web based programming, a system can be changed quickly and conveniently, adding new users in just minutes.

SUPPORT FOR UP TO 8 SIP NUMBERS

(e.g. up to 8 Direct Inward Dialling Lines or Extensions)

The TGP500 series allows you to have up to eight (8) phone numbers. You can set up in many ways: choose a unique number for each handset, or you can program the handsets into groups for central call handling.

KX-TGP500 series Key Features

- Support for 3 simultaneous network conversations
- SIP and Broadsoft support
- HD Wideband Audio
- DECT radio technology
- Easy Web configuration
- 2.1" Large LCD with white back light on cordless handset
- Programmable Ring Groups
- Handset call button with status indicator on base unit 1
- Up to 6 DECT cordless handsets
- Up to 8 SIP registrations (e.g. up to 8 DID lines or extensions)
- Second Ethernet port 1
- Hands-free speaker phone on base unit 1 and cordless handset
- Wall mountable base unit 2

KX-TPA50 Features

- 2.1" Large LCD with white back light on cordless handset
- Bright message waiting indicator
- Soft keys
- 100 phone book memory
- 10 Last dialed number
- Local or network intercom
- 10 days standby and 5 hour talk time

1 KX-TGP550 only 2 KX-TGP500 only

Panasonic

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We expressly reserve the right to make reasonable changes to models, dimensions, colours as well as to make modifications that bring our products in line with state-of-the-art technology.

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