



**Panasonic**  
ideas for life



## **KX-TGP Series** **SIP Cordless DECT Telephones**



**KX-TGP550**



**KX-TGP500**



**KX-TPA50**

*SOLUTIONS FOR BUSINESS*



# The power of SIP. Easy expandability with DECT.

In today's business environment where every dollar counts, the benefits of SIP telephones are especially compelling. The reduced hardware costs and simplicity of routing your company's calls over an internet connection can add up to huge savings on your monthly telephone bill. With the Panasonic KX-TGP series SIP Cordless Phone System, you can quickly and easily add up to 6 cordless handsets—each with their own number. All you need is a single internet connection and an electrical outlet near wherever you want to add a handset. And because it employs DECT technology, you'll enjoy a secure connection and crystal-clear sound.

Introducing the **KX-TGP series SIP Cordless Phone System**—the small business communications solution. Never before has there been an easier, more convenient way to expand your SIP-based office phone system.



# Cordless Freedom. Business-Friendly Features.

## Easy Expandability

Add up to 6 cordless handsets to each base station with no additional Ethernet cabling required. Each additional handset only requires a nearby electrical outlet. One Ethernet connection supports up to 7 users.

## Supports up to 8 SIP Registrations

Mix and match DID and group numbers across handsets. You can even assign each DID its own ringtone.

## Full Duplex Speakerphone on Base and Handsets

Enjoy hands-free convenience while you keep the conversation going.

## Easy Set-Up & Operation

Panasonic brings its world-renowned DECT consumer technology to the SIP Cordless Phone System. Like all Panasonic phones, the KX-TGP series features simple, intuitive operation so you'll have the system up and running in no time.

## Powerful Paging & Conferencing Features

With the KX-TGP series system, you can page any handset with a single touch, or quickly get all handsets on same line at one if, say, an important client calls and the entire team needs to participate.

## Open Source Platform Certification

Like all phones in the Panasonic SIP lineup, the UT Series is certified for Use with BroadSoft® BroadWorks®, Digium® Asterisk®, Metaswitch, Brekeke and many others\*. Panasonic SIP phones are a proven, cost-effective endpoint solution for small to mid-size companies utilizing the latest in Hosted and Open Source PBX technology.

\*Consult your Panasonic representative for a complete, up-to-date list.



## Mobility Solutions for SMB

Does your business require you to move around the workplace but keep close to the phone? Panasonic SIP Cordless DECT handsets allow you to be mobile while still being connected. Cost-effectively outfit an entire office without sacrificing the features you need to keep business moving.



**Retailers** can service customers on the floor without missing customer calls. Cordless handsets and overlapping ring assignments enhance worker mobility.

**Online merchants** can walk to the warehouse and check inventory while keeping the customer on the line. Cordless handsets provide coverage throughout the entire facility without the need for expensive wiring.

Panasonic SIP Cordless DECT handsets are ideal for **restaurants, fitness clubs, law firms, architecture & design firms** or any business where you need to field incoming calls but can't sit by the phone.

## Flexible Configuration Options

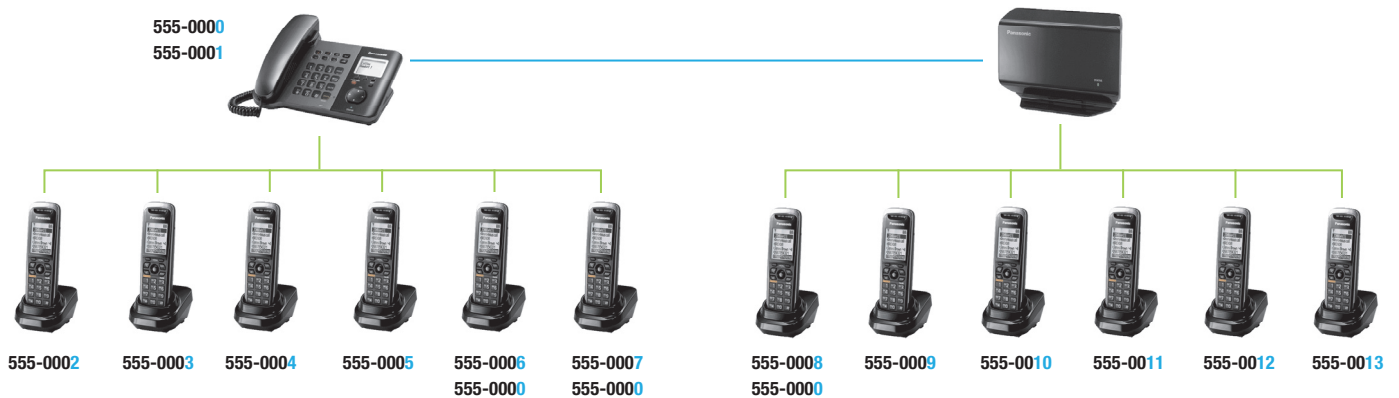
Add handsets wherever you need them, all you need is an electrical outlet nearby. Each base station supports up to 8 phone numbers and 6 cordless handsets.



**3 Users: 3 DID**

**6 Station: 3 Line “Key” System**

Each Base Station supports up to 8 phone numbers and 6 Cordless Handsets.



**13 Users: Main Number covered by 4 users plus 13 DID**

## Key Features

- DECT 6.0 Technology
- Expandable up to 6 Cordless Handsets
- Supports up to 8 Phone Numbers
- Supports 3 Simultaneous Calls
- Wideband Voice (G.722)
- 2.1" White Backlit LCD on Handset
- Handset Call Button on Base Unit
- Integrated Full Duplex Speakerphone
- Adjustable Ringtones
- 10-Day Stand-by & 5 Hour Talk Time
- Elegant, Simple Design



### KX-TGP550

SIP Cordless Phone System  
1 x Corded Handset Base Station  
1 x Cordless Handset



### KX-TGP500

SIP Cordless Phone System  
1 x Location-Free Base Station  
1 x Cordless Handset



### KX-TPA50

Additional Cordless Handset  
Up to 6 per KX-TGP550/500

## Specifications

FEATURE	KX-TGP550	KX-TGP500
<b>VOIP SUPPORT</b>		
IETF SIP version 2 (RFC3261 and companion RFCs)	•	•
BroadWorks R15 / BroadSoft	•	•
Asterisk	•	•
<b>VOICE CODEC</b>		
G.722 / G.711 u-law / G.711 A-law / G.726 (32K) / G.729A	•	•
<b>NETWORK INTERFACE</b>		
10/100base-T auto MDI/MDIX Ethernet LAN port	2	1
<b>PROVISIONING</b>		
HTTP / HTTPS / FTP / TFTP and local/remote WEB configuration	•	•
<b>QOS SUPPORT</b>		
DSCP and Layer 3 TOS	•	•
Static VLAN	•	-
<b>KEYS AND INDICATORS</b>		
Menu driven user interface	•	•
Line status / direct handset call buttons	•	-
Message Waiting Indicator	•	•
<b>RF-SYSTEM</b>		
US-DECT 1.92GHz –1.93GHz	•	•
<b>PHONE FEATURES</b>		
Multiple Handset	6	6
Multiple registration support	8	8
Simultaneous voice calls	3	3
Full-duplex hands-free speakerphone	•	•
2.5mm Headset Jack	•	•
Grouping Handset: Handset select for receiving call	•	•
Handset and Number select for making call	•	•
Redial	•	•
Do Not Disturb	•	•
Anonymous Call (CLIR)	•	•
Anonymous Call Rejection	•	•
Busy Lamp Field (BLF)	•	-
Calling party name and number presentation (CLIP, CNIP)	•	•
Call Rejection	•	•
DTMF dialing during call	•	•
Local 3-way Conference	•	•
Call Transfer	•	•
One button Call Transfer	•	-
Call Hold	•	•
Call Forward Unconditional / User Busy / No Answer	•	•
Call Waiting	•	•
Distinctive Ringing	•	•
Ringtone Selection	•	•



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