

# Panasonic

## SIP Cordless Phone KX-TGP600



Stay Connected



# A Panasonic SIP cordless phone system enables smooth communication in business situations

## Expandability

### Up to 8 DECT cordless handsets

You can use up to 8 DECT cordless handsets depending on your needs.

### Support for 8 simultaneous network conversations

This optimal system enables you to conveniently use eight different outside lines at the same time. This system saves you any labor or costs of signing up several different outside lines and also saves you the hassle of managing different outside lines. The call status is displayed on the cordless phone for easy checking.

### Support for up to 8 SIP registrations

The SIP cordless phone system allows you to have up to 8 phone numbers.



## Outstanding Sound Quality

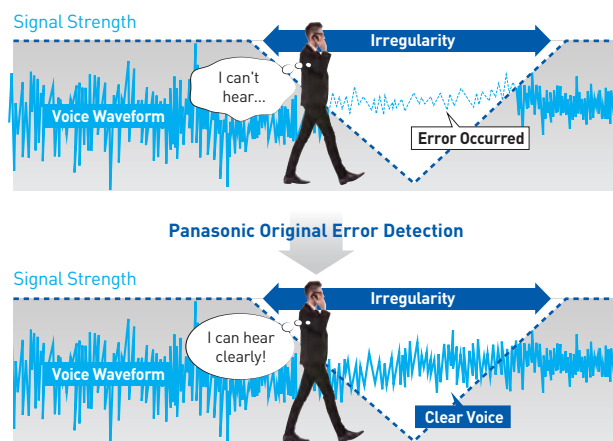
### Noise reduction/ Dynamic listening volume control

With conventional phones, it is hard to hear the other party when they are in a noisy environment such as a restaurant, because their voice gets muffled by the noise. With the KX-TGP600, noise reduction function can be enabled with the press of a button to reduce surrounding noise and hear the other party's voice clearly. In addition, the KX-TGP600 automatically adjusts the receiver volume to an easy-to-hear level if it detects noise when moving from a quiet place to a noisy place.



### High quality radio communication

With conventional cordless phones, fading occurs when moving in locations surrounded by metallic ceilings and walls such as in restaurants or shops, making it difficult to hear the other party's voice and have a conversation. Panasonic DECT communication technology in the KX-TGP600 reduces fading and errors to ensure that your important calls are not interrupted, for more comfortable conversations.



The KX-TGP600 is an optimal SIP cordless phone system for small and medium-sized business offices. It enables up to eight handsets to be connected and calls to be made on eight lines simultaneously. The high quality communication technology of Panasonic, enhanced maintenance and management functions, and various types of optional handsets for a wide range of office usage, enable smoother communication in a variety of business scenarios.

## Useful Options

### Various handset types

A wide variety of optional handsets are provided to meet various customer needs. The KX-TPA65 desk phone model is a fixed handset suitable for use in office environments that can be easily installed without a wired LAN, to increase the convenience of office work. Combinations of the following lineup including a standard model and tough model enable system configurations that suit the customer environment.



Standard Type  
**KX-TPA60**

- 1.8" colour LCD with backlight
- HD wideband audio (G.722)
- 500 phone book address / 20 last dialed number memory



Wireless Desk Phone  
**KX-TPA65**

- 1.8" colour LCD with backlight
- HD wideband audio (G.722)
- Headset jack (2.5 mm)
- Easy installation without wired LAN



Tough Model  
**KX-UDT131**

- Splash and dust resistant IP65
- Shock resistant
- Noise reduction
- Up to 13 hours talk time, up to 200 hours standby time

### Expandable communication area with repeaters

The coverage area of the base unit is approximately 300 m<sup>2</sup> outdoors and approximately 50 m<sup>2</sup> indoors. An optional repeater for use in wide offices is provided, so the practical communication area can be expanded to a maximum of approximately 200 m<sup>2</sup> indoors.

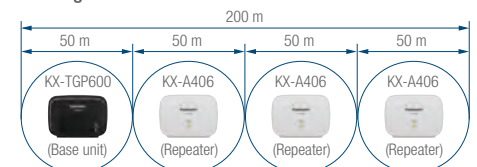
\*1 The distance may vary depending on the environment.

\*2 Distance in a straight line. The maximum distance may vary depending on the installation location of the repeaters.

#### KX-A406

- Compatible with wideband audio
- Up to 4 calls simultaneously
- Up to 3 units installable with a cascade connection
- Up to 6 units registrable to the KX-TGP600

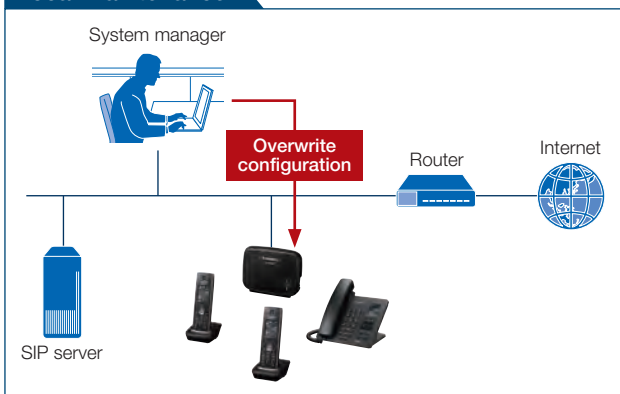
#### Coverage area of indoor use



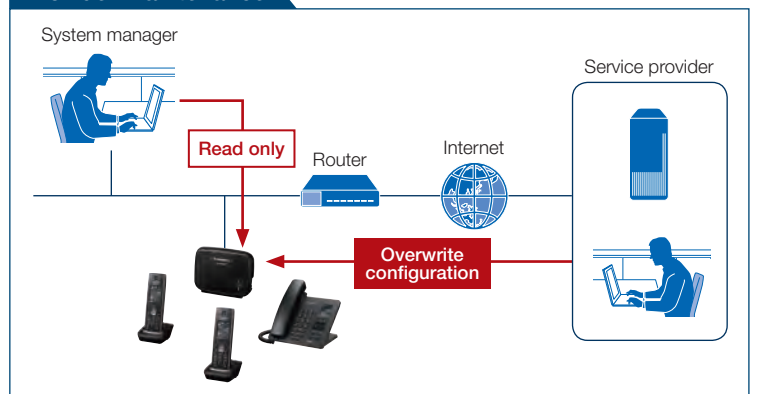
## Easy Setup and Maintenance

The provisioning function of the KX-TGP600 enables remote configuration settings and handset management. You can select two kinds of maintenance methods; local management with a base unit, or service provider management. When management is performed on the provider side, the settings can be confirmed locally but not changed.

### Local maintenance



### Provider maintenance



# Specifications

Feature		KX-TGP600	
VoIP Support	IETF SIP version 2 (RFC3261 and companion RFCs)	Yes	
	BroadWorks	Yes	
Voice Codec	Wideband	G.722 / G.722.2 (AMR-WB)	
	Narrowband	G.711a-law / G.711μ-law / G.729a	
Network	10 / 100 base-T auto MDI / MDIX Ethernet LAN port	1	
	IP Stack mode	IPv4, IPv6, IPv4/IPv6 Dual	
Security	Secure RTP	Yes	
	SIPS/SIP-TLS	Yes	
Provisioning	HTTP / HTTPS / FTP / TFTP and Local / Remote WEB configuration	Yes	
	Disabling provisioning feature of local operation	Yes	
QoS Support	DSCP	Yes	
	IEEE 802.1q	Yes	
	TOS	Yes	
Keys and Indicators	Status indicator (Base unit)	LED	
	LCD (Base unit / Bundled handset KX-TPA60)	No / 1.8 inch colour LCD	
RF-System	Wireless interface	DECT	
	DECT 1920 - 1930MHz	Yes	
Phone Features	Multiple handsets	Up to 8	
	Multiple lines	Up to 8	
	Simultaneous voice calls	Narrowband: Talk 8 + Conference 2 Wideband: Talk 4 + Conference 2	
	Handset select for receiving calls	Yes	
	Handset and number select for making calls	Yes	
	Redial	Yes	
	Do not disturb	Yes	
	Anonymous calls (CLIR)	Yes	
	Anonymous call rejection	Yes	
	Caller ID (CLIP, CNIP)	Yes	
	DTMF dialling during calls	Yes	
	Three-way conferencing	Yes	
	Call transfer	Yes	
	Call hold	Yes	
	Call forwarding (Unconditional / User Busy / No Answer)	Yes	
	Call waiting	Yes	
	Phonebook (KX-TPA60)	Up to 500	
Call log (Incoming / Outgoing / Missed) (KX-TPA60)	20 / 20 / No (Included incoming call log)		
Distinctive ringing	Yes		
Ringtone selection	Yes		
Other	Power supply	Base unit	AC Adaptor, PoE (IEEE 802.3af)
		Charger	AC Adaptor
	Power consumption	Base unit	Stand-by: 2.3 W (When connecting LAN interface of 100Base-TX), TALK: 2.5 W, Max.: 2.6 W (When using 10 simultaneous voice calls.)
		Charger	Max. 1.6 W
	Battery (Bundled handset KX-TPA60)		Stand-by time: Up to 168 hours, Talk time: Up to 10 hours
	Operating environment		0 °C - 40 °C (32 °F - 104 °F) 20 % - 80 % relative air humidity (dry)
	Dimensions (W x D x H mm)	Base unit	Approx. 118.7 x 45.0 x 88.1
Bundled handset KX-TPA60		Approx. 47.8 x 25.5 x 153.2	
Charger cradle for KX-TPA60		Approx. 71.6 x 75.4 x 42.9	
Packing contents		Base unit x 1, Handset (KX-TPA60) x 1, AC adaptor x 2, Battery (Ni-MH AAA) x 2, Charger cradle x 1, LAN cable x 1, Belt clip x 1, Screw for wall hangings x 2	

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## Important

- Safety Precaution: carefully read the Quick Start Guide and Operating Instructions before using these products.

- Some models will be available to limited countries.
- The images shown of products display and lamps are composite images.
- Weights and dimensions are approximate.
- Design and specification subject to change without notice.
- These products may be subject to export control regulations.

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