

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

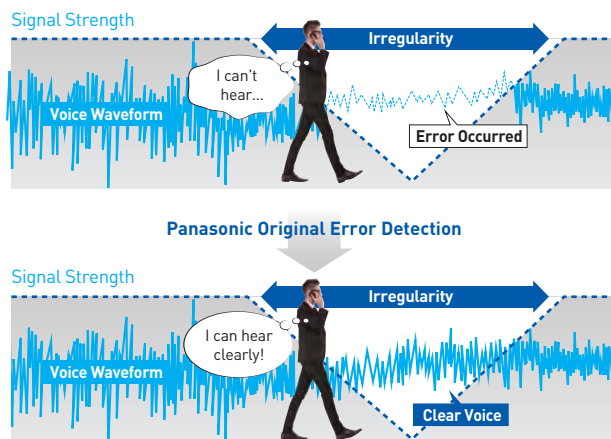
Noise reduction/ Dynamic listening volume control

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	Wireless Desk Phone KX-TPA65	Tough Model KX-UDT131
<ul style="list-style-type: none">• 1.8" colour LCD with backlight• HD wideband audio (G.722)• 500 phone book address / 20 last dialled number memory	<ul style="list-style-type: none">• 1.8" colour LCD with backlight• HD wideband audio (G.722)• Headset jack (2.5 mm)• Easy installation without wired LAN	<ul style="list-style-type: none">• Splash and dust resistant IP65• Shock resistant• Noise reduction• Up to 13 hours talk time, up to 200 hours standby time



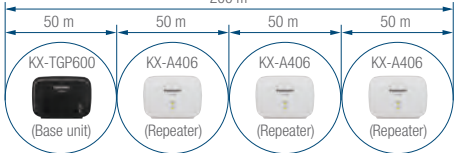
Expandable communication area with repeaters

The coverage area of the base unit is approximately 300 m² outdoors and approximately 50 m² indoors. A optional repeater for use in wide offices is provided, so the practical communication area can be expanded to a maximum of approximately 200 m² 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

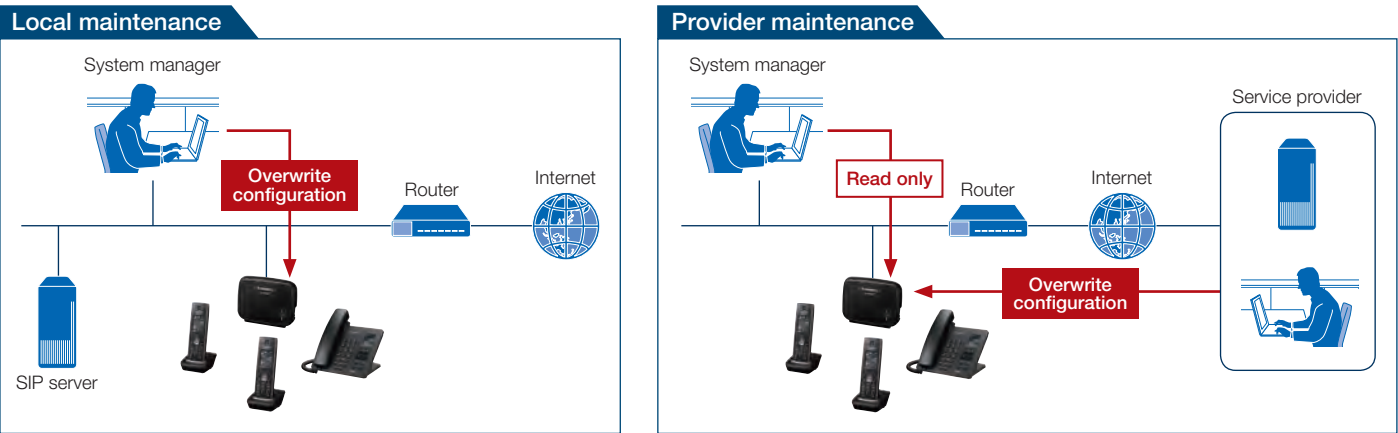
- Compatible with wideband audio
- Up to 4 calls simultaneously
- Up to 3 units installable with a cascade connection
- Up to 6 units registrable to the KX-TGP600

Coverage area of indoor use
200 m
50 m 50 m 50 m 50 m


KX-TGP600 (Base unit) KX-A406 (Repeater) KX-A406 (Repeater) KX-A406 (Repeater)

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.



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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