



QUALITY COMMUNICATION. COST-CUTTING CAPABILITY.

PANASONIC KX-TGP600 SMART IP WIRELESS PHONE SYSTEM

When quality is critical and cost reduction a key consideration, Panasonic's new KX-TGP600 Smart IP wireless phone system is the ideal business communication tool. Easy to install and delivering the flexibility and reliability that are the hallmarks of Panasonic SIP technology, it represents a complete mobility solution at a very reasonable price.

There are a wide variety of optional handsets which are compatible with the KX-TGP600. Among those is the KX-TPA60 DECT cordless handset, offering a 1.8" colour LCD with backlight, HD wideband audio (G.722) and 500 phone book address/20 last dialled number memory. There's also the KX-TPA65 wireless desk phone, which offers a significant advantage over 'traditional' desk phones, as its DECT capabilities mean no additional cabling is required when the system is being installed. Through a combination of handsets and wireless desk phones, and repeater units, users can create communication systems that are entirely suited to the different environments in which their businesses operate, from the office out into the field.

Key Features

- Support for eight DECT cordless handsets and simultaneous outside lines
- VoIP support
- 1.8" colour LCD screen
- Noise reduction functionality
- Lowered total cost of ownership
- Eco mode
- Compatible with a variety of Panasonic handsets and a repeater to increase coverage

PRODUCT GUIDE AND SPECIFICATIONS



KX-TPA65



KX-UDT121



KX-UDT131

- 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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FEATURE	KX-TGP600
VoIP Support	
IETF SIP version 2 (RFC3261 and companion RFCs)	Yes
BroadWorks	Yes
Asterisk	Yes
Voice Codec Wideband	G.722 / G.722.2 (AMR-WB)
Voice Codec 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 / SIPS / SIP-TLS
Provisioning	
HTTP / HTTPS / FTP / TFTP and Local / Remote WEB configuration	Yes
Disabling provisioning feature of local operation	Yes
QoS Support	DSCP / IEEE 802.1q / TOS
Keys and Indicators	
Status indicator (Base unit)	LED
LCD (Base unit / Bundled handset KX-TPA60)	No / 1.8 inch colour LCD
RFSystem	
Wireless interface	DECT (EU-DECT 1.88GHz - 1.90GHz)
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
Call waiting	Yes
Phonebook (KX-TPA60)	Up to 500
Call log	Incoming - 20 / Outgoing - 20 / Missed - No
Distinctive ringing	Yes
Ringtone selection	Yes
Other	
Power Supply Base Unit	AC Adaptor, PoE (IEEE 802.3af)
Power Supply 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.)
Power Consumption Charger	Max. 1.6 W
Battery (Bundled handset KX-TPA60)	Stand-by time: Up to 200 hours, Talk time: Up to 11 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