



KX-UDT111  
Standard Business DECT phone

KX-UDT121  
Small and Light DECT phone

## PANASONIC SIP BASE DECT MULTI-CELL TELEPHONY SYSTEMS

Panasonic multi-cell SIP based DECT systems offer high-quality business communications, with simple installation, configuration and maintenance.

### KEY FEATURES:

- Designed for use with Broadsoft Broadworks, Asterisk and SwitchVox systems
- High Definition "HD" Audio (G.722)
- Full Duplex hands-free capability
- Noise reduction system for use in noisy environments
- Enhanced voice processing, for improved voice quality in multipath environments
- Easy Cell Station registration system
- Simple configuration
- PC setting via web browser
- Remote configuration
- "Over The Air" firmware updates

SPECIFICATIONS		KX-UDT111	KX-UDT121
LCD Display Size/Type		1.8 inch, 65000 colour TFT	1.8 inch, 65000 colour TFT
LCD Display format		6 lines	6 lines
Brightness setting		6 levels	6 levels
Backlight		✓	✓
POWER			
Rechargeable Battery		AAA NiMH, 700mAh, 2 cells	Li-ion, 3.7v 700mAh
Battery Life	Talk Time	Approximately 11 hours	Approximately 13 hours
	Standby	200h	200h
	Charge time	7 hours	3 hours
INDICATORS			
Menu driven user interface		✓	✓
Line Status		✓	✓
Message waiting indicator		LCD Icon	LCD Icon
KEYS			
Soft Keys		3	3
Talk / speaker phone key		✓	✓
4 direction 'nav' key + enter		✓	✓
Talk / Speaker Phone key		✓	✓
Hold / Message key		✓	✓
VOICE CODECS			
		G.722	G.722
		G.711 (u-law, a-law)	G.711 (u-law, a-law)
		G.729a	G.729a
		G.726	G.726
HANDS FREE SPEAKERPHONE			
HD speakerphone		✓	✓
Volume Control		✓	✓
Mute		✓	✓
Full Duplex		✓	✓
OPERATING CONDITIONS			
Temperature		0C – 40C	0C – 40C
RING TONE CONTROL			
Vibrate		✓	✓
Ringtone Selection		✓	✓
Ring Volume Level		✓	✓
Ring tone based on caller		✓	✓
Ringtone based on SIP signalling		✓	✓
PHONE FEATURES			
Multiple Registration Support		4	4
Phone Book		500 entries	500 Entries
Import/export to TSV		✓	✓
Call Log	Incoming: 20 entries		Incoming: 20 entries
	Outgoing: 20 entries		Outgoing: 20 entries
Redial		✓	✓
Do Not Disturb (DND)		✓	✓
Anonymous Call (CLIR)		✓	✓
Anonymous Call Rejection		✓	✓
Calling party ID		✓	✓
Call Rejection (manual)		✓	✓
DTMF dialling during call		✓	✓
3 way conference		✓	✓
Attended transfer		✓	✓
Blind Transfer		✓	✓
Call Hold		✓	✓
Call Forwarding		✓	✓
Call Waiting		✓	✓
Voicemail Access		✓	✓
Flash Hook		✓	✓
Auto Answer		✓	✓
One Touch Dial		✓	✓
Key Lock		✓	✓
Automatic Key Lock		✓	✓
Range Alarm		✓	✓
Headset		2.5mm socket	2.5mm socket
Bluetooth		x	✓



KX-UDT124  
Wideband 4 channel DECT Cell Station

## KEY FEATURES:

- KX-UDS124 4 Channel "Multi-Cell" Wideband Cell Station
- Designed for use with Broadsoft Broadworks, Asterisk and SwitchVox systems
- High Definition "HD" Audio (G.722) for excellent voice quality (KX-UDS124 only)
- Enhanced voice processing for superior voice quality in poor signal conditions
- Web interface setup for easy remote configuration
- Power Over Ethernet support
- Up to 32 Cell Stations can be grouped with seamless handover
- 'Over the air' firmware upgrades
- No additional hardware or server required

Certified for Asterisk



Certified for Broadsoft Broadworks



TYPE KX-UDS124		4 CHANNEL WIDEBAND CELL STATION WITH MULTI-CELL CAPABILITY
Max Simultaneous calls		4 calls
Max handsets		Up to 255
Max no. of Cell Stations		128 total; per air sync group.
Network Interfaces		10baseT/100baseTX auto MDI/MDI-X Ethernet LAN port
Power Source		Power over Ethernet (IEEE802.3af) class 1
AC Adapter (KX-A239)		optional
Operating Conditions		0C - 40C
CONFIGURATION		
Embedded Web Server		✓
Password protected admin access		✓
BUSINESS FEATURES (REQUIRES SIP SERVER SUPPORT)		
Network based conference		✓
Call Forward / DND sync		✓
Connected Line ID presentation		✓
Direct Inward Dialling (DID)		✓
Direct Dialling in (DDI)		✓
NETWORK CONFIGURATION		
DHCP / Static IP address		✓
DNS (Primary / Secondary)		✓
SNTP - Simple network time protocol		✓
TIME AND DATE HANDLING		
Clock		✓
Call Timer		✓
Daylight savings time support		✓
QUALITY OF SERVICE		
DSCP		✓
Static VLAN		✓
ToS		✓
VOICE QUALITY		
Adaptive Jitter Buffer		✓
Configurable Packetization Period		✓
FEATURES		
Codec Support		G.722
		G.711 (ulaw, alaw)
		G.729a
		G.726
Configurable codec preferences		✓
Adjustable Codec frame size		✓
CUSTOMISABLE TONE GENERATION		
Dial Tone		✓
Ringing Tone		✓
Busy Tone		✓
Reorder Tone		✓
Stutter Tone		✓
MANAGEMENT AND PROVISIONING		
Web browser configuration		✓
Status and stats display		✓
Remote firmware upgrade		HTTP, HTTPS, TFTP, FTP
'Over the air' software upgrade		✓
Remote configuration file download		HTTP, HTTPS, TFTP, FTP
Auto provisioning		Via Panasonic Redirect Server
Broadsoft Device Management System		✓
TR-069 for remote management		✓
Pre-provisioning by DHCP Opt.66		✓
Dial plan		✓
Online CS monitor		✓
SECURITY		
Encrypted configuration files		✓
MD5 authentication		✓
HTTPS Server authentication		✓
DECT encryption		✓

For up to date information on the Panasonic SIP product range, please visit: <http://panasonic.net/pcc/products/sipphone/>

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