



## PANASONIC KX-UT SERIES SIP TERMINALS FEATURE SHEET



The Panasonic KX-UT range of SIP telephony terminals enhance personal communications through excellent HD quality audio on every phone, combined with easy access to powerful supportive features and applications. The range - from standard phones, office key-sets, executive terminals and touch-screen Smart Desk application phones - addresses all requirements. Panasonic's reputation for design, quality, reliability and care for the environment, ensures an exceptional user experience wherever the terminals are deployed - as part of a "cloud based" service or with an IP PBX - in a business environment or in the home.



### KEY FEATURES

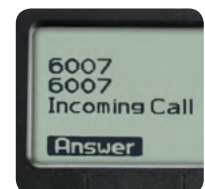
#### High Definition HD Voice

The KX-UT series of SIP terminals offers 'best in class' audio quality, meaning fewer repeated conversations and misheard calls. Offering Wideband High Definition voice as standard across the range, the KX-UT series offer various codecs, including G.722, G.711 and G729a. Coupled with Enhanced Echo Cancellation and an Expanded Acoustic Chamber, the KX-UT series of SIP terminals offers a superior audio experience to users over handset, speakerphone and optional headsets. The entire range features wideband compliant, hearing aid compatible handsets, and built-in, high quality speaker and microphone.



#### LCD Displays

Large, clear LCD displays with intuitive User Interface offer fast access to phonebooks and features.



#### Electronic Hook Switch (EHS)

A built in Electronic Hook Switch (Plantronics compliant) port allows the KX-UT670, KX-UT248, KX-UT133 and KX-UT136 SIP Terminals to have access to the Plantronics range of wireless headsets. This offers a range of portability and comfort as frequent users are able to move around freely, without being tied down by handsets.

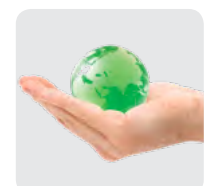


#### ECO Friendly

Low power consumption, combined with an advanced ECO standby mode means lower energy costs. Consumption can be as low as 1 watt in ECO mode\*.

#### Plug and Play Configuration

Extensive provisioning options, including automatic configuration via a provisioning server, means a smaller administration overhead, saving time and money. The range is certified compatible with Digium Asterisk and Broadsoft Broadworks, ensuring excellent compatibility with leading soft switch suppliers.



\*KX-UT 1xx series, using AC adapter.

**KX-UT113****KX-UT123****KX-UT133****KX-UT136****KX-UT248\*****KX-UT670\*****DISPLAY**

LCD Display	Monochrome Graphical	Monochrome Graphical	Monochrome Graphical	Monochrome Graphical	Graphical	Colour 262k
LCD Size	242 x 55 pixels – 3 lines		242 x 109 pix. – 6 lines		4.4 inch	7 inch touch
LCD Contrast	6 levels					No
LCD Backlight	None	On/Auto/Off			15/Auto	720p
HD Video	No					720p

**INSTALL OPTIONS**

Desk mount tilt	No	Yes – 2 positions			
Wall mount	KX-A432 (optional)	KX-A433 (optional)		KX-A434 (optional)	
Power adaptor	Option - KX-A239			Option - KX-A422	

**NETWORKING**

Ethernet Ports	1 – 10/100	2 – 10/100	2 – 10/100/1000		
Power over Ethernet (PoE)	Yes				
Bluetooth	No		Yes	Optional	

**AUDIO FEATURES**

Handset, Speaker, Headset Volume	8 levels (includes echo cancellation and distortion prevention)			15 levels	
Ringtones	32				
Ringer Volume	6 levels + Off			7 levels + Off	
Headset Port	2.5 mm				
Electronic Hook Switch Control Port	None	3.5 mm Plantronics compatible			
Audio Codec	G.711, G.722, G.726, G.729a			G.711, G.722, G.729a	

**KEYS**

Soft Keys	Yes - 4		Yes - screen	
Programmable Keys	0	24	24 (3 pages of 8 keys)	24 (4 pages of 6 keys)
0-9, *, # keys	Yes		Yes - screen keys	
Navigator & Cancel Key	Yes		On screen + menu keys	

**SOFTWARE FEATURES**

Phone Book (Entries)	100 – each with 5 numbers	500 – each with 5 numbers		Depends on memory *2	
Call Log Entries	30 incoming calls + 30 outgoing calls			100 in + 100 out	
Conferencing	3 parties (within terminal – multi-party dependent on server)				
XML	From December 2011		Supported	From May 2012	
Music on Hold	Supplied by Host Service (PBX / SIP Server)				

**IP FEATURES**

SIP Accounts	2	4		6	
SIP Compatibility	RFC 3261 Standard SIP Server, Asterisk, Broadsoft, Panasonic SIP PBX				
IP Version	IPv4				
DHCP Client	Yes				
DNS	Yes				
HTTP	Yes				
HTTPS	Yes				
SNTP Client	Yes				
VLAN (802.1q)	Yes				
QoS (DiffServ)	Yes				
802.1x	No			No	

**CONFIGURATION**

Plug & Play Configuration	Server based configuration, TR-069, Panasonic Redirect Server				
Manual Configuration	Internal web Configurator, Local (LCD based) network configuration				

\*Specifications subject to change without notice

\*2 up to 500 connected to NS1000

N.B. Due to measurement differences, all power consumption data may be subject to variation.

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We expressly reserve the right to make reasonable changes to models, dimensions, colours as well as to make modifications that bring our products in line with state-of-the-art technology.