# **KX-NT400 - IP Network Telephone**

Panasonic's KX-NT400 is an innovative and stylish high-end model of the KX-NT400 series of IP telephones. As an Applications device the KX-NT400 IP telephone is extremely user-friendly thanks to its large, colourful touch screen interface and built-in Communication Assistant software, allowing users quick and easy access to unified communications.

The KX-NT400 Graphical User Interface (GUI) consists of multiple screens for accessing a variety of key features:

- Calls
- Contacts
- Camera
- Portal
- Main
- Call Log
- Chat
- Options



## **Calls Screen**

The Calls screen shows currently connected calls and provides functions that can be used for each call, depending on the call status. These functions include record a call, make a conference call, park a call and transfer calls.



## **Contacts Screen**

Make it easy to contact people, with key features including search for a contact, make a call, start chat, dial by 12 keys, add, edit and delete a contact. Users have three options to enter information, either with the software keyboard on the screen, the 12



keys on the phones keypad or the USB keyboard\*.

## **Camera Screen**

The Camera Viewer screen works with a network camera from Panasonic's KX-HCM or BL-C Series. Users can access many key features from this screen, such as zoom, tilt and pan, view preset, touch and centring, door phone and door opener, still picture



recording and viewing, directory integration and register and delete network cameras.

#### **Portal Screen**

The Portal Screen allows users to access the internet from the phone's touch screen and navigate with a stylus pen. Key features include a home button, pull down menu for up to 50 URL's and make calls from the Portal Screen.



## **Main Screen**

Users can access many key features from the Standby screen including presence settings, call forward settings, do not disturb mode (DND), time display, voicemail, new message waiting, missed calls, feature key, application lock, ringer off setting, mute, speakerphone and bluetooth® module.



# Call Log Screen

The Call Log Screen provides incoming, outgoing and missed call log functions. The key features available from this screen include making a call from the incoming, outgoing and missed calls log, add a contact to the Personal Directory, display details



of contacts and view saved images from a network camera.

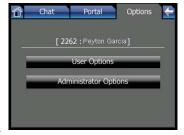
## **Chat Screen**

The Chat Screen allows users to send and receive text based messages. There is the option to use the software keyboard or the 12 keys on the phones keypad for entering alphanumeric characters. The Chat Screen allows users to store up to 2000 messages.



# **Options Screen**

The Options Screen provides setting and maintenance features for the user and administrator. User options allow users to change key features, such as their password, display, call alert pop-up, dial number and language.



Administrator option features allow administrators to access the network, directory server (LDAP), dial modification, maintenance and programming.

## **Additional Features**

- 48 self labelling programmable soft keys - for easy call handling.
- Easy Navigation Key A large, easily accessible navigation key allows fast, one touch access to multiple phone system functions. The ergonomically designed navigation key makes it easy to go through phone system feature menus.
- **Bluetooth**® **Module** for effortless wireless headset communication.
- **2nd Ethernet Port** helping your business save costs and reduce desktop clutter by allowing connection from the phone into the PC, rather than the added cost of two cables back to the network switch.
- **Built-in Headset Jack** for hands-free communication.
- Power over Ethernet (PoE) allows easy installation, as PoE enables data and electrical power to be transmitted over a single Ethernet cable, rather than two separate cables.

## **Specifications**

Category	ltem	KX-NT400
IP Related	Signalling Protocol	PCC proprietary protocol (MGCP based)
		for Telephony
	Voice CODEC	G.711, G.729A, G.722
	IP Addressing	Static & DHCP
	QOS	VLAN & DiffServ
	Jitter Buffer Size	Up to 200msec (Default)
	VoIP Security	Panasonic Proprietary
Telephone Features	LCD	5.7" QVGA TFT 65,000 colours
		W/Touch Screen & Backlight
	SP Phone	Yes
	Message/Ring Lamp	Dual-coloured LED (Green & Red)
	Ringer Tone	8
	Melody Ringer	10 titles
	Operating System	Windows CE Ver.5.0 Pro
	Network Camera	Yes
	Integration	
	Camera View	Motion JPEG 10fps
	Frame Rate	MPEG4 15fps
		For intranet access & Web application
		for business:
		- HTML
Applications		HTML 4.01
	Browser	Supports tables, forms and frames
		- Scripting
		JScript 5.5 (ECMA-262 compliant)
	Presence	Yes
	(Absent Message)	
	Directory	- Contacts: 300 entries
		- Extension Directory
		- System Speed Dial
	Corporate Directory	Simple database integration
	Access	by LDAP (Ver.3)
	Call Log	- Incoming Calls: 100
	ADI for Francis	- Outgoing Calls: 100
	API for External	HTML
	Software Control	D
		Protects private information from
	Application Lock	others.
		Password required for cancelling
		Aplication Lock. When Application Lock is on, Home
		1.1
		Screen, Feature Key Screen, Call Control
		Screen and Options Screen (partially)
		can be displayed.
		Telephone fetaure is always available.

Category	Item	KX-NT400
		USB 1.1
	USB	- One USB host port for USB keyboard
		USB low power device only
	SD Slot	Support Panasonic SD Card (32MB to 2GB
	Bluetooth	Supports optional Bluetooth module for
		Bluetooth Headset connection
Interface		Data communication is not supported
interrace	Primary Ethernet	10/100Base-TX
	Secondary Ethernet	10/100Base-TX
		Software keyboard on LCD
	Keyboard Support	?Commercially available USB Keyboard
		(To be used to enter characters of setting
		function and chat etc)
	Headset Connection	2.5mm Jack
	Handset/Headset	2.511111 Suck
	Volume Control	4 Steps
	Speakerphone	
	Volume	12 Steps
	Ringer Volume	5 Steps (H-M-L-UL-OFF)
	Control	
A although a such	Touch Panel Tone	
Adjustment	ON/OFF	Yes
	LCD/LCD OFF Timer	Reduces power of LCD and LCD backlight
		save power consumption and extend the
		life of LCD.
	LCD Brightness	5 Levels
	LCD Calibration	For touch screen calibration
	Programming for PBX	System Programming, Station Programmir
	Programming for NT400	Local Programming
Maintenance	Firmware Upgrade	From SD card or FTP server
Mannechance	Data backup	All system data including application data
		Data backup by SD card
		AC Adapter and Power over Ethernet
	Power Supply	(IEEE802.3af compliant)
	Stylus Pen	Included
	Wall mount	Yes
	Tilt	
General	JIIT	Yes, 7 Steps (30 to 60°)
General	Languages	German, French, Italian, Spanish
		Portuguese, English, Russian, Ukrainian
		Other languages available through PBX
	0 " 7 '	programming
	Operating Temperature	0-40 °C
Activation Key	IP-PT	IP Proprietary Telephone
	11 1 1	Activation Key is required
-,	Application	No activation key required, but the total number of CA Pro users is adjusted