

# KX-NT400 EXECUTIVE IP TELEPHONE

Panasonic KX-NT400 is an innovative and stylish executive IP telephone for the KX-NCP and KX-TDE communication platforms. As an Applications device the KX-NT400 IP telephone is extremely user-friendly thanks to its large, colour, touch screen interface and built-in Communication Assistant - compact software, allowing users quick and easy access to unified communications.

The KX-NT400 Graphical User Interface (GUI) is highly intuitive and information is grouped and divided into logical tabs for ease of use.



## ▶ MAIN SCREEN

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



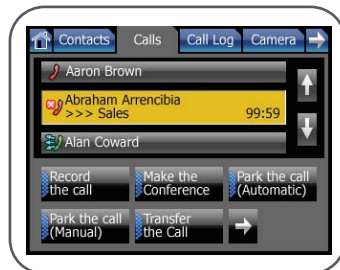
## ▶ FEATURE KEY SCREEN

Quickly access up to 48 line appearance of users, access information, system features and account codes. Change ringing volume and tone.



## ▶ CALLS SCREEN

The Calls screen shows currently connected calls and context sensitive call control functions that can be used for each call, depending on the call status. These functions include common features such as ability to record a call, make a conference call, park a call and transfer calls etc.



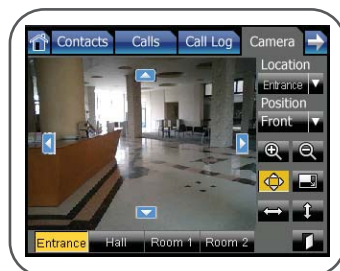
## ▶ CONTACTS SCREEN

Make it easy to contact people, with key features including search for a contact, make a call, start chat, dial using keypad, as well as add, edit or delete a contact. Users have three ways to enter information, either with the virtual soft keyboard on the screen, the 12 keys on the phones keypad or via an optional external USB keyboard.



## ▶ CAMERA SCREEN

The Camera Viewer 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.



## ▶ INTRANET PORTAL SCREEN

The Intranet Portal Screen allows users to access business web applications on the company intranet and navigate with a stylus pen. Key features include a home button, pull down menu for up to 50 URLs and the ability to make calls.



## 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.



## 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.



## SPECIFICATIONS

| CATEGORY           | ITEM                              | 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)   |
| Telephone Features | LCD                               | 5.7" DVGA TFT 65,000 colours<br>W/Touch Screen & Backlight  |
|                    | SP Phone                          | Yes   |
|                    | Message/Ring Lamp                 | Dual-coloured LED (Green & Red)   |
|                    | Ringer Tone                       | 8   |
| Applications       | Melody Ringer                     | 10 titles   |
|                    | Operating System                  | Windows CE Ver.5.0 Pro  |
|                    | Network Camera Integration        | Yes   |
|                    | Camera View                       | Motion JPEG 10fps   |
|                    | Frame Rate                        | MPEG4 15fps   |
|                    | Browser                           | For intranet access & Web application for business:<br>- HTML<br>HTML 4.01<br>Supports tables, forms and frames<br>- Scripting<br>JScript 5.5 (ECMA-262 compliant)  |
|                    | Presence (Absent Message)         | Yes   |
|                    | Directory                         | - Contacts: 300 entries<br>- Extension Directory<br>- System Speed Dial   |
|                    | Corporate Directory Access        | Simple database integration by LDAP (Ver.3)   |
|                    | Call Log                          | - Incoming Calls: 100<br>- Outgoing Calls: 100  |
|                    | API for External Software Control | HTML  |
|                    | Application Lock                  | Protects private information from others.<br>Password required for cancelling Application Lock.<br>When Application Lock is on, Home Screen, Feature Key Screen, Call Control Screen and Options Screen (partially) can be displayed.<br>Telephone feature is always available. |
| Activation Key     | IP-PT                             | IP Proprietary Telephone Activation Key is required   |
|                    | Application                       | No activation key required, but the total number of CA Pro users is adjusted  |

## CHAT SCREEN

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



## 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 handsfree 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.

| CATEGORY    | ITEM                           | KX-NT400  |
|-------------|--------------------------------|---|
| Interface   | USB                            | USB 1.1<br>- One USB host port for USB keyboard<br>USB low power device only  |
|             | SD Slot                        | Support Panasonic SD Card (32MB to 2GB)   |
|             | Bluetooth                      | Supports optional Bluetooth module for Bluetooth Headset connection<br>Data communication is not supported                        |
|             | Primary Ethernet               | 10/100Base-TX   |
|             | Secondary Ethernet             | 10/100Base-TX   |
|             | Keyboard Support               | Software keyboard on LCD<br>Commercially available USB Keyboard (To be used to enter characters of setting function and chat etc) |
|             | Headset Connection             | 2.5mm Jack  |
| Adjustment  | Handset/Headset Volume Control | 4 Steps   |
|             | Speakerphone Volume            | 12 Steps  |
|             | Ringer Volume Control          | 5 Steps (H-M-L-UL-OFF)  |
|             | Touch Panel Tone ON/OFF        | Yes   |
|             | LCD/LCD OFF Timer              | Reduces power of LCD and LCD backlight to save power consumption and extend the life of LCD.                                      |
| Maintenance | LCD Brightness                 | 5 Levels  |
|             | LCD Calibration                | For touch screen calibration  |
|             | Programming for PBX            | System Programming, Station Programming   |
|             | Programming for NT400          | Local Programming   |
|             | Firmware Upgrade               | From SD card or FTP server  |
|             | Data backup                    | All system data including application data.<br>Data backup by SD card   |
|             | Power Supply                   | AC Adapter and Power over Ethernet (IEEE802.3af compliant)  |
| General     | Stylus Pen                     | Included  |
|             | Wall mount                     | Yes   |
|             | Tilt                           | Yes, 7 Steps (30 to 60°)  |
|             | Languages                      | German, French, Italian, Spanish<br>Portuguese, English, Russian, Ukrainian<br>Other languages available through PBX programming  |
|             | Operating Temperature          | 0-40 °C   |