

# Panasonic

ideas for life



## IP Softphone

### **KX-NCS8100**

#### **Bring Your Distributed Offices Closer Together with the Ease of IP**

Now you can connect your headquarters, branch offices and off-site staff to a single Hybrid IP-PBX in your main office with the ease of Internet Protocol (IP). Only one central Hybrid IP-PBX is needed, which means you can administer and manage telephone communications between all your offices simply and efficiently. And save on expensive telephone wiring – your IP telephones connect to your existing local area network standard (LAN) cables. With IP Softphone, you can contact other members of your staff even when you are not at your desk. It gives you great mobility.

# IP Softphone - KX-NCS8100 (IP Proprietary Telephone in PC)



## IP Softphone: Versatile and Efficient

### Mobility

Enjoy smooth communications through your PC with virtually the same level of functions that you would have if you had brought your office phone with you.

### Low Cost

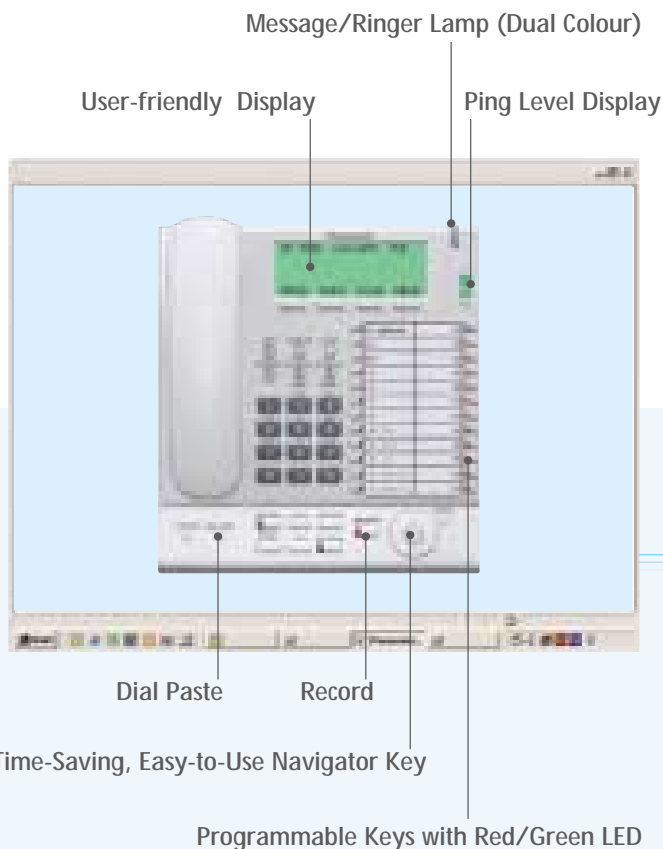
There's no need for an off-site PBX or traditional telephone wiring.

### Transparent Integration

You can administer and operate IP telephones just like other extension telephones.

### Flexibility

IP technology lets you send data and voice over the same line.



### ► User-friendly Display



The display gives visual feedback that makes it easier to handle calls and perform other tasks. Use the display to view various kinds of information or to access the features of your Hybrid IP-PBX.

### ► Programmable Keys with Red/Green LED



Extension users can customise their telephones to provide quick access to outside lines, other extensions, or commonly used PBX features, such as Call Forward(FWD), Do Not Disturb(DND), and Conference. Each lamp has a dual-colour LED that shows the line status, extension status, and other related information.

## Application Examples

- Allows your employees to access the full functionality of your office telephone extension anywhere, anytime
- Staff can work remotely, efficiently & transparently
- Your business can also benefit from greater organisational flexibility



## Around the world

For example, communicate with colleagues around the world with low cost and high efficiency.



## In home offices

For example, gain the same kind of benefits as if you had your own call centre right in your office at home.

### ► Message/Ringer Lamp (Dual Colour)



The Message/Ringer Lamp illuminates green to indicate when a call comes in and lights up as red to indicate when a message has been received.

### ► Ping Level Display



Displays the IP Network Status between the IP Softphone and the PBX to provide visual indication to user.

### ► Dial Paste



Simply copy telephone numbers from Microsoft Outlook, Excel, or other applications, and paste them into IP Softphone for quick and easy dialling.

### ► Time-Saving, Easy-to-Use Navigator Key



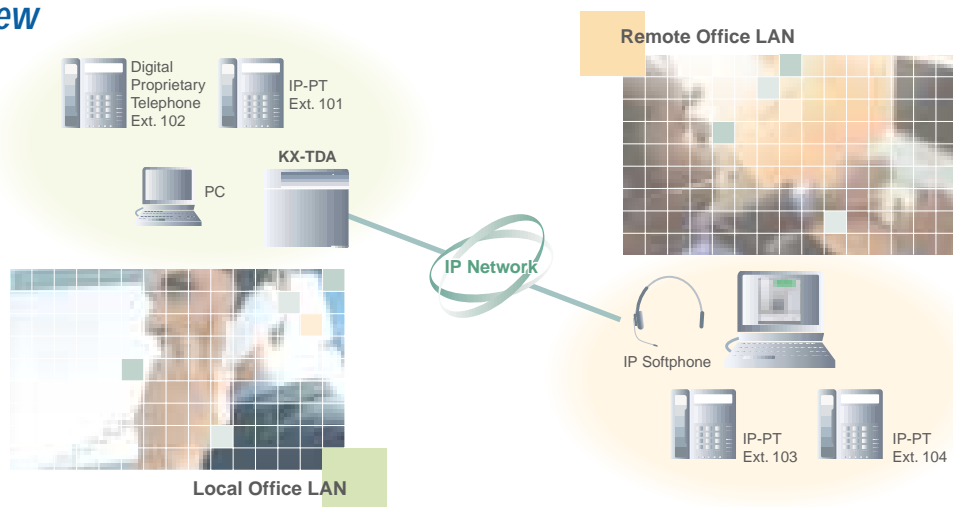
The intuitive Navigator Key helps extension users quickly select and control various features, including commonly used settings like ringer and speaker volume.

### ► Record



Record conversations directly onto your PC (including networked PC's), reducing the need for a separate voice mail. The sound file can be emailed to colleagues that were not present during the conversation. This function can also be applied to call centres where recording for security and training purposes are essential.

## System Overview



### ▶ Softphone Specifications

Alphanumeric Display (LCD)	6 lines x 24 characters
Programmable Keys with Dual Colour LED	24
Direct Station Selection (DSS) Keys with Busy Lamp Field (BLF)	Yes
Feature Access Keys for Display	4
SP-Phone Volume Control	12 Levels
Handset Volume Control	4 Levels
Ringer Volume Control	4 Levels
Station Speed Dial	10 Numbers
Message / Ringer Lamp	Yes
FWD / DND	Yes
Speakerphone	Yes
Navigator Key	Yes
Redial	Yes
Flash / Recall	Yes
Hold	Yes
Auto Answer / Mute	Yes
Auto Dial / Store	Yes
Transfer	Yes
Conference	Yes
Message	Yes
Intercom	Yes
Pause	Yes
Options	Yes
Dial Paste	Yes
Record	Yes

### ▶ License Specifications

1st license	Basic feature
2nd license	Recording and dial paste

### ▶ System Requirement

OS	Windows XP SP2
CPU	Pentium M.186 GHz (or higher)
RAM	512MB (or higher)
Hard Drive disk space	50MB Minimum (installation)
Display	XGA 1024 x 768
LAN (Ethernet)	100 Base-T
Peripheral Devices	Sound Card, Speaker, Microphone, CD-ROM drive
PBX	KX-TDA100/200 PMPR software file version 3.0 or later KX-TDA600 PLMPR software file version 2.2 or later
IP Extension Card	PIPEXT file version 1.001 or later file PVOIP file version 1.001 or later
CODEC	G.711