

Panasonic

IP Softphone Software

Quick Reference Guide

Model No. KX-NCS8102

Thank you for purchasing the Panasonic IP Softphone Software, KX-NCS8102.

Please read this manual before using this product and save for future use.

This manual is designed to provide instructions for installing the IP Softphone software on your personal computer.

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System Requirements

- Microsoft® Windows® XP Professional SP2 or Windows Vista® Business
- Recommended Requirements for PC (for installing the IP Softphone only)
 - CPU: Pentium® M 1.86 GHz
 - RAM: 512 MB
 - HDD: 50 MB available space (when installing)
 - Display: XGA (1024 x 768)
 - LAN (Ethernet): 100BASE-T
 - Peripheral Devices: Sound Board, Speaker, Microphone, CD-ROM drive
- PBX
 - Main Processing (MPR) software version must be as follows:
 - KX-TDA30: PSMPR Software File Version 4.0000 or later
 - KX-TDA100/KX-TDA200: PMPR Software File Version 3.0000 or later
 - KX-TDA600: PLMPR Software File Version 3.1000 or later
 - KX-TDE100/KX-TDE200: PMMPR Software File Version 1.0000 or later
 - KX-TDE600: PGMPPR Software File Version 2.0000 or later
 - KX-NCP500/KX-NCP1000: PBMPR Software File Version 1.0000 or later
- IP-EXT4 card for KX-TDA30
- IP-EXT16 card for KX-TDA100/KX-TDA200/KX-TDA600
 - Local Processor (LPR) software version of the IP-EXT16 card installed in the PBX must be as follows:
 - PIPEXT Software Version 1.001 or later
 - PVOIPEX Software Version 1.011 or later
- Network Settings
 - Network VoIP specifications must be as follows:
 - CODEC: G.711/G.729
 - RTP sampling rate: 20 ms

Introduction

The IP Softphone is designed to interwork with a Panasonic PBX, and enables the personal computer to handle calls instead of the proprietary telephone.

Trademarks

- Microsoft, Windows, and Windows Vista are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- Pentium is a trademark or registered trademark of Intel Corporation in the U.S. and other countries.
- All other trademarks identified herein are the property of their respective owners.
- Microsoft product screen shot(s) reprinted with permission from Microsoft Corporation.

Conditions

- In some cases, clear communication may not be possible, due to network conditions and the specifications of the PC and headset. Confirm that trunk and intercom calls can be completed successfully using the IP Softphone's Trial Mode before registering a licence. A registered licence cannot be used at another PC.
- The feature specifications of the IP Softphone are basically the same as those for the KX-NT136 IP proprietary telephone. For installation and operation instructions, refer to the documentation for the KX-NT136.
- When the IP Softphone is connected to the IPCMPR/IPCEMPR card of a KX-TDE/KX-NCP series PBX, the number of available flexible buttons is 48.
- To install the IP Softphone on, or to uninstall it from a PC running Windows XP Professional SP2, you should be in the group "Administrators". The user in any other groups is not authorised.
- To install the IP Softphone on, or to uninstall it from a PC running Windows Vista Business, administrator privileges are required.
- If audio becomes increasingly delayed the longer you use IP Softphone, there may be a problem with the PC's audio driver. In this case, install another compatible audio driver (not another version of the same driver).
- If using Windows Firewall, you may not hear a dial tone when clicking the SP-PHONE button. In this case, select the "software_ippt" check box in the exceptions list for Windows Firewall.
- Automatic Redial is available only for ISDN lines.
- The Automatic Pop-up feature does not operate in situations such as the following:
 - When a call is answered automatically
 - When using Live Call Screening in hands-free mode
- Specifications are subject to change without notice.
- The design of the final software may differ slightly from the screenshots shown in this manual.

Installing the IP Softphone Software

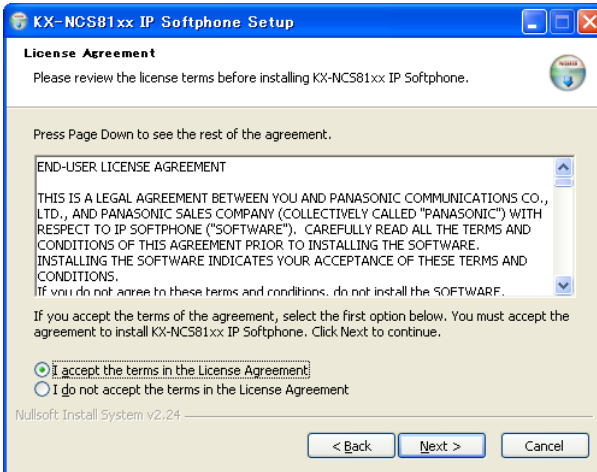
Notice:

Shut down any other applications before installing the software.

1. Double-click "Setup.exe" on the CD-ROM.



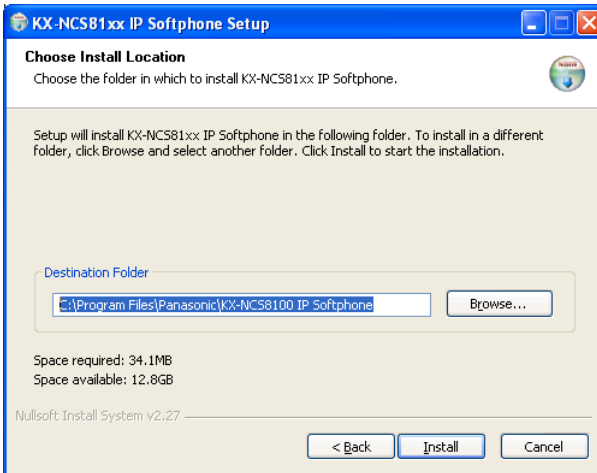
2. Click Next.



3. Read the Licence Agreement carefully.

Installing the IP Softphone Software

4. If you accept the terms of the Licence Agreement, select I accept the terms in the License Agreement, and then click Next.



5. Click Browse to change the installation folder. This step is optional, and can be skipped.
6. Click Install.



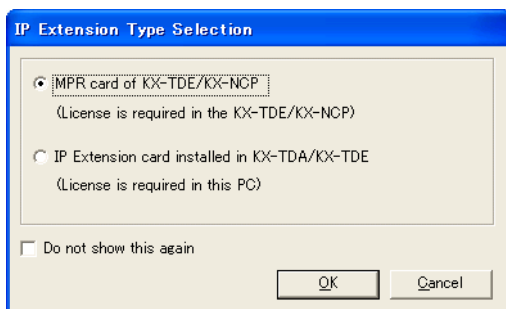
7. Click Finish.

Uninstalling the IP Softphone Software

Uninstall the software from [Control Panel] -> [Add/Remove Programs].

Starting and Registering the IP Softphone Software

1. Start IP Softphone.



2. Select the IP Extension Type.

Notice:

If you select IP Extension card installed in KX-TDA/KX-TDE for the IP Extension Type, the IP Softphone can be used for only 60 days from the date of installation, without the Registration Key. In this period, 20 operations are allowed for the non-dial pad key.



3. Click I will register the license.

Starting and Registering the IP Softphone Software

Notes:

- If you select I will register the license later and use trial mode for now, all features (both basic and optional) of the IP Softphone will be available for 60 days from the date of installation if no licence is registered.
- If you select MPR card of KX-TDE/KX-NCP for the IP Extension Type, you do not need to register the licences to use basic features on your PC.

KX-NCS8100 License Registration

Basic Features

1st License

Registration Number 8810 - 2010 - 5611 - 0751

Registration Key [] - [] - [] - [] Register

Optional Features

2nd License : Recording feature & Dial Paste feature

Registration Number 9810 - 2020 - 5611 - 0751

Registration Key [] - [] - [] - [] Register

OK

4. Enter the Registration Key for 1st Licence, and click Register.
5. Click OK, and then Yes.

Notes:

- The 1st licence is required for basic features. To use optional features (Recording and Dial Paste feature), a 2nd licence is required.
- If you register only the 1st licence, the optional features will become unavailable even if less than 60 days from the date of installation.

Network Setting

PBX setting

Specify the IP address of the card for IP extension feature installed in PBX.

192.168.0.1

OK Cancel

6. Enter the IP address of the IP-EXT card or IPCMPR/IPCEMPR card installed in the PBX.

Starting and Registering the IP Softphone Software

7. Click OK.

Note:

Before you click OK, confirm that the PBX is in registration mode (i.e., waiting for a response from the IP Softphone). For more details, refer to **Information about IP Proprietary Telephones** for the KX-TDA series PBXs, or **IP Networking Guide** for KX-TDE/KX-NCP series PBXs.



8. Confirm that calls can be made from the IP Softphone by clicking the handset and dialling.

Starting and Registering the IP Softphone Software



9. To end the call, click the hookswitch.

Features List












































Outside (CO) Line button
 Off-hook
 On-hook
 Feature number
 Talk
 Direct Station Selection button
 Confirmation Tone
 Ringback Tone
C. Tone R.B. Tone

Feature	Operation
Making Calls	
Calling	To an extension → →
	To an outside party → → →
Redial	→ →
Quick Dialling	→ →
One-touch Dialling	To store → → → → → →
	To dial → — assigned as a One-touch Dialling button →
Operator Call	→ / *1 →
Personal Speed Dialling	To store → → → → → → → →
	To dial → → → → →
System Speed Dialling	To dial → → → →
Doorphone Call	→ → → → → →
Automatic Callback Busy	To set <i>While hearing a busy tone</i> → →
	To cancel → → → → →
	To answer from an idle extension <i>While hearing a callback ring</i> → →
	To answer from an idle outside line <i>While hearing a callback ring</i> → →
During a Conversation	
Call Hold	To hold → →
	To retrieve a call at the holding extension → / →
	To retrieve an outside call from another extension → →
Call Transfer	→ → <i>To an extension</i> →
	→ → <i>To an outside party</i> → →

*1 The number may vary depending on the country/area of use.

*2 Enter outside line access number before outside phone number.

Features List

Feature	Operation	
Useful Features		
Call Park	To set <i>During a conversation</i>   [* 5 2] ▶ parking zone no. (2 digits) Specified   * Auto 	
	To retrieve  ▶ [* 5 2] ▶ stored parking zone no. (2 digits)  	
Multiple Party Conversation	To add other parties during a conversation   desired phone no. ▶  ▶    Talk to the new party. Talk with multiple parties.	
	To leave a conference   	
Call Pickup	 ▶ (DSS) * 4 1 extension no. Directed  ▶  * 4 0 group no. (2 digits) Group 	
Sending a Call Waiting Tone	<i>While hearing a busy tone</i> [1] ▶ Wait for an answer. ▶ 	
Paging	To page  ▶ [* 3 3] ▶ paging group no. (2 digits)   ▶ Wait for an answer.  	
	To answer  ▶ [* 4 3]  	
	To allow/deny a paged announcement  ▶ * 7 2 1 1 Deny   * 7 2 1 0 Allow	
Message Waiting	Caller	To leave a message waiting indication <i>When the called extension is busy or does not answer</i>   
	Called extension	To call back  ▶  ▶ 
Log-in/Log-out	 ▶ * 7 3 6 1 For Log-in ▶ ICD Group extension no. Specified   * 7 3 6 0 For Log-out * All 	

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