

## IP Softphone Edition of PC Phone Software

# Quick Reference Guide

for IP Softphone

Model No. KX-TDA0350

Thank you for purchasing the Panasonic PC Phone Software, KX-TDA0350.

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

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- Microsoft® Windows® XP Professional SP2
- Minimum Requirements (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 of the Hybrid IP-PBX must be as follows:
  - KX-TDA100/KX-TDA200: PMPR Software File Version 3.0000 or later
  - KX-TDA600: PLMPR Software File Version 3.1000 or later
- IP-EXT card: Local Processor (LPR) software version of the IP-EXT 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 is not supported.)
  - RTP sampling rate: 20 ms

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# ***Introduction***

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The IP Softphone is designed to interwork with a Panasonic Hybrid-IP PBX (KX-TDA series), and enables the personal computer to handle calls instead of the proprietary telephone.

## ***Conditions***

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- In some cases, clear communication may not be possible, due to network conditions and the specifications of the PC and headset. Confirm that CO line and intercom calls can be completed successfully using the IP Softphone's Trial Mode before registering a license. A registered license 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.  
The feature differences from KX-NT136 are as follows:
  - Programmable melodies and ring tones are not available.
  - Automatic Redial is available only for ISDN lines.
- 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 authorized.
- 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.
- 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

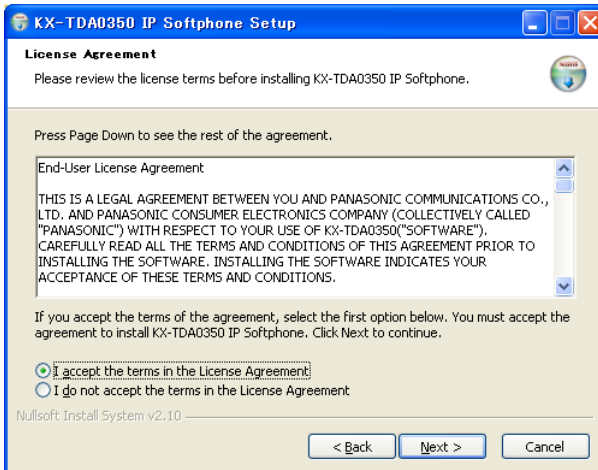
## Notice:

Shut down any other applications before installing the software.

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



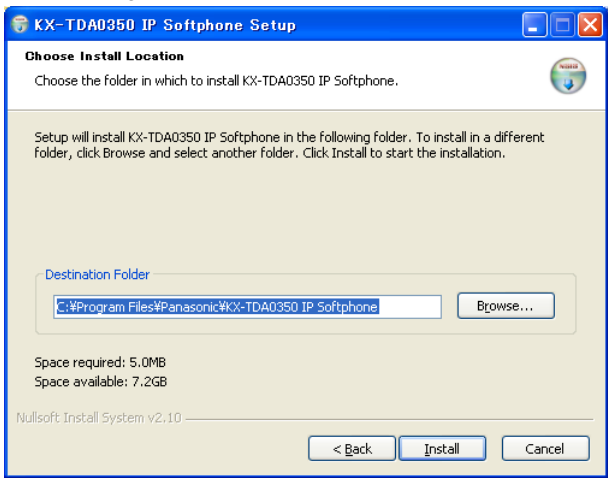
2. Click Next.



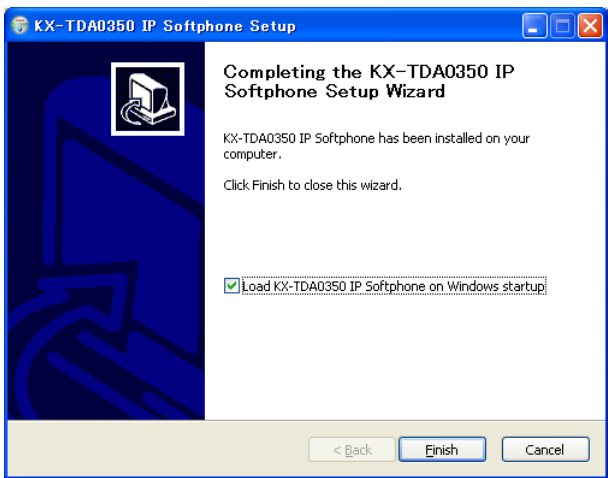
3. Read the License Agreement carefully.

# Installing the IP Softphone Software

4. If you accept the terms of the License 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***

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

## ***Starting and Registering the IP Softphone Software***

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1. Start IP Softphone.

### **Notice:**

Without the Registration Key, the IP Softphone can be used for only 60 days from the date of installation.



2. Click Register Now.

### **Notes:**

- If you click Yes, all features (both basic and optional) of the IP Softphone will be available for 60 days from the date of installation if no license is registered.
- If you click No, the software will close.

# ***Starting and Registering the IP Softphone Software***

**KX-TDA0350 License Registration**

Basic Features  
Two licenses are required for basic features.

1st License  
Registration Number 0350 - 2010 - 2220 - 0977  
Registration Key  -  -  -

2nd License  
Registration Number 1350 - 2020 - 2220 - 0977  
Registration Key  -  -  -

Optional Features

3rd License : Dial Paste feature  
Registration Number 2350 - 2030 - 2220 - 0977  
Registration Key  -  -  -

4th License : Recording feature  
Registration Number 3350 - 2040 - 2220 - 0977  
Registration Key  -  -  -

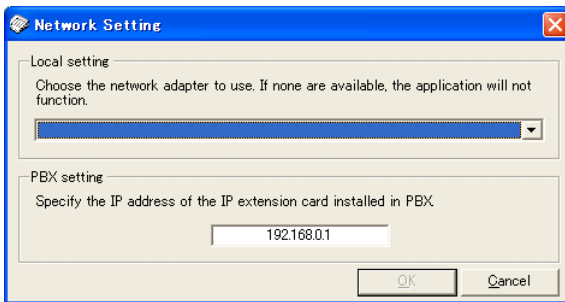
3. Enter the Registration Key for 1st License, and click Register.
4. Enter the Registration Key for 2nd License, and click Register.
5. Click OK, and then Yes.

## **Notes:**

- The 1st and 2nd licenses are required for basic features. To use optional features, additional licenses are required as follows:
  - Dial paste feature: 3rd license required
  - Call recording feature: 4th license requiredThese licenses can be registered at any time after registering the basic licenses, by accessing this screen.
- If you register only the 1st and 2nd licenses, the optional features will become unavailable even if less than 60 days from the date of installation.

# ***Starting and Registering the IP Softphone Software***

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6. Select the network adaptor to use.
7. Enter the IP address of the IP-EXT card installed in the PBX.
8. Click OK.

## **Note:**

Before you click OK, confirm that the port of the IP-EXT card in 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.

# Starting and Registering the IP Softphone Software



- 9. Confirm that calls can be made from the IP Softphone by clicking the handset and dialing.



# **Starting and Registering the IP Softphone Software**



10. To end the call, click the hookswitch.

# Upgrading the IP Softphone Software

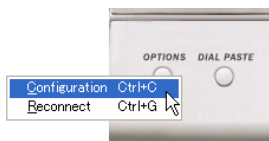
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## Note

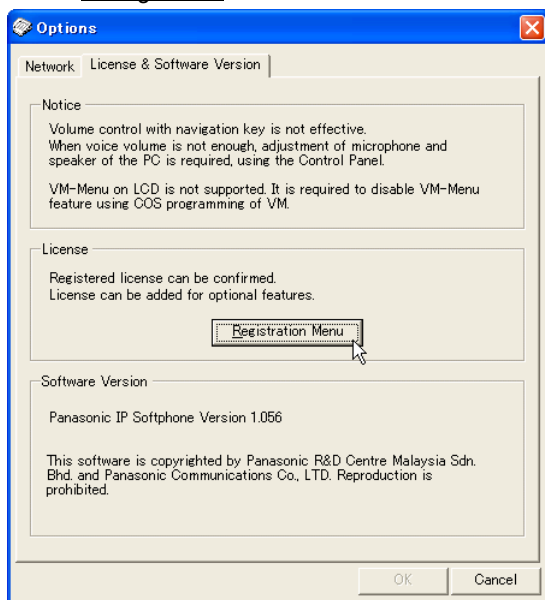
This operation is required only for upgrading from the version 1.056 IP Softphone software.

To upgrade from version 1.1 or later, just install the new version. You do not need to re-register your Registration Keys.

1. Start the current version of IP Softphone, and then click OPTIONS.

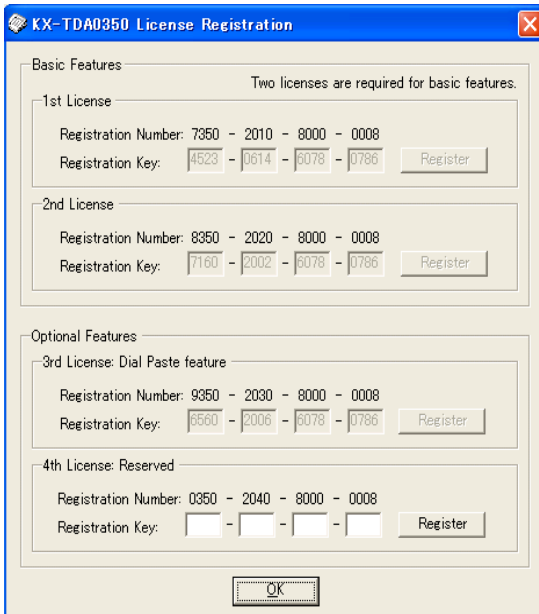


2. Click Configuration.



# Upgrading the IP Softphone Software

3. Click the License & Software Version tab, and then click Registration Menu.



The screenshot shows a dialog box titled "KX-TDA0350 License Registration". It has a blue title bar with a close button (X) in the top right corner. The dialog is divided into two main sections: "Basic Features" and "Optional Features".

**Basic Features:** A note at the top states "Two licenses are required for basic features." Below this, there are two license sections:

- 1st License:** Registration Number: 7350 - 2010 - 8000 - 0008. Registration Key: 4523 - 0614 - 6078 - 0786. A "Register" button is to the right.
- 2nd License:** Registration Number: 8350 - 2020 - 8000 - 0008. Registration Key: 7160 - 2002 - 6078 - 0786. A "Register" button is to the right.

**Optional Features:**

- 3rd License: Dial Paste feature:** Registration Number: 9350 - 2030 - 8000 - 0008. Registration Key: 5560 - 2006 - 6078 - 0786. A "Register" button is to the right.
- 4th License: Reserved:** Registration Number: 0350 - 2040 - 8000 - 0008. Registration Key: [ ] - [ ] - [ ] - [ ]. A "Register" button is to the right.

At the bottom center of the dialog is an "OK" button.

4. Take note of the Registration Keys for your licenses so that you can enter the same Registration Keys for the new version of IP Softphone.
5. Click OK, and then click Cancel.



6. Click the close button.
7. Install the new version of IP Softphone.
- For the installation procedure, refer to **Installing IP Softphone Software** in this guide.


# Features List

  
(CO)

Outside (CO) Line button

Off-hook

On-hook



Feature number


Talk

  
(DSS)












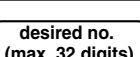





































Direct Station Selection button

C. Tone

Confirmation Tone

























Ringback Tone

R.B. Tone

Feature	Operation					
Making Calls						
Calling	<b>To an extension</b>  ► <b>extension no.</b> ► 	<b>To an outside party</b>  ► <b>(CO)</b> ► <b>outside phone no.</b> ► 				
Redial	 ► <b>REDIAL</b> ► 					
Quick Dialing	 ► <b>quick dial no.</b> ► 					
One-touch Dialing	<b>To store</b> <b>PAUSE</b> ► <b>(CO)</b> ► <b>2</b> ► <b>desired no. (max. 32 digits)</b> ► <b>AUTO DIAL</b> ► <b>PAUSE</b>  ►  ►  ►  ►  ► 					
	<b>To dial</b>  ► <b>(CO)</b> — assigned as a One-touch Dialing button ► 					
Operator Call	 ► <b>0</b> ► 					
Personal Speed Dialing	<b>To store</b>  ► <b>*</b> <b>3</b> <b>0</b> ► <b>personal speed dial no. (2 digits)</b> ► <b>desired no.*1 (max. 32 digits)</b> ► <b>#</b>  					
	<b>To dial</b> <b>AUTO DIAL</b>  ►  <b>STORE</b> ► <b>*</b> ► <b>personal speed dial no. (2 digits)</b> ► 					
System Speed Dialing	<b>To dial</b> <b>AUTO DIAL</b>  ►  <b>STORE</b> ► <b>system speed dial no. (3 digits)</b> ► 					
Doorphone Call	 ► <b>*</b> <b>3</b> <b>1</b> ► <b>doorphone no. (2 digits)</b>  					
Automatic Callback Busy	<b>To set</b> <i>While hearing a busy tone</i> <b>6</b>  	<b>To cancel</b>  ► <b>*</b> <b>4</b> <b>6</b>  				
	<b>To answer from an idle extension</b> <i>While hearing a callback ring</i>   	<b>To answer from an idle outside line</b> <i>While hearing a callback ring</i>  ► <b>outside phone no.</b> ► 				
During a Conversation						
Call Hold	<b>To hold</b> <b>HOLD</b>  	<b>To retrieve a call at the holding extension</b>  ► <b>(CO)</b> / <b>INTERCOM</b> ► 				
	<b>To retrieve an outside call from another extension</b>  ► <b>(CO)</b> ► 					
Call Transfer	<b>TRANSFER</b>  <table><tr><td><b>extension no.</b></td><td>To an extension</td></tr><tr><td><b>(CO)</b> ► <b>outside phone no.</b></td><td>To an outside party</td></tr></table> ►  ► 		<b>extension no.</b>	To an extension	<b>(CO)</b> ► <b>outside phone no.</b>	To an outside party
<b>extension no.</b>	To an extension					
<b>(CO)</b> ► <b>outside phone no.</b>	To an outside party					

\*1 Enter outside line access number before outside phone number.

# Features List

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

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