# Panasonic®

# 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.

# Table of Contents

System Requirements	1
Introduction	2
Conditions	2
Installing the IP Softphone Software	
Uninstalling the IP Softphone Software	5
Starting and Registering the IP Softphone Software	5
Upgrading the IP Softphone Software	
Features List	12

## System Requirements

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

### Trademarks

- Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- Pentium is a trademark or a registered trademark of Intel Corporation or its subsidiaries in the United States and other counties.
- All other trademarks identified herein are the property of their respective owners.
- Screen shots reprinted with permission from Microsoft Corporation.

# Introduction

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

- 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.

### Notice:

Shut down any other applications before installing the software.

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



#### 2. Click Next.

😽 KX-TDA0350 IP Softphone Setup	
License Agreement Please review the license terms before installing KX-TDA0350 IP Softphone.	
Press Page Down to see the rest of the agreement.	
End-User License Agreement THIS IS A LEGAL AGREEMENT BETWEEN YOU AND PANASONIC COMMUNICATIONS CO., LTD. AND PANASONIC CONSUMER ELECTRONICS COMPANY (COLLECTIVELY CALLED "PANASONIC") WITH RESPECT TO YOUR USE OF KX-TDA0350("SOFTWARE"), CAREFULY READ ALL THE TERMS AND CONDITIONS OF THIS AGREEMENT PRIOR TO INSTALLING THE SOFTWARE, INSTALLING THE SOFTWARE INDICATES YOUR ACCEPTANCE OF THESE TERMS AND CONDITIONS.	
If you accept the terms of the agreement, select the first option below. You must accept to agreement to install KX-TDA0350 IP Softphone. Click Next to continue.	the
I accept the terms in the License Agreementi O I go not accept the terms in the License Agreement	
Nullsoft Install System v2.10	:el

3. Read the License Agreement carefully.

4. If you accept the terms of the License Agreement, select <u>I accept the terms in the License Agreement</u>, and then click <u>Next</u>.



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



7. Click Finish.

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

# Starting and Registering the IP Softphone Software

1. Start IP Softphone.

### Notice:

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

IP Softphone Information
Notice When voice volume is not enough, adjustment of microphone and speaker of the PC is required using "Options" is also available. Adjustment for microphone using "Options" is also available. Adjustment for speaker using "Navigation Key" during talking is also available. VM-Menu on LCD is not supported. It is required to disable VM- Menu feature using COS programming of VM.
License registration
This application works for 60 days without license registration. License registration is required in 60 days after first installation.
<u>R</u> egister Now
Do you agree to the above conditions and use this application?

2. Click Register Now.

### Notes:

- If you click <u>Yes</u>, 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.

察 KX-TDA0350 Licen:	se Registration 🛛 🗙
Basic Features	Two licenses are required for basic features.
Registration Number Registration Key	0350 - 2010 - 2220 - 0977 Register
2nd License	
Registration Number Registration Key	1350 - 2020 - 2220 - 0977 Register
Optional Features ⊢3rd License : Dial Paste	feature
Registration Number Registration Key	2350 - 2030 - 2220 - 0977 Register
-4th License : Recording	feature
Registration Number Registration Key	3350 - 2040 - 2220 - 0977 Register
	QK

- 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 required

These 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.

Network Setting	×
—Local setting Choose the network adapter to use. If none are available, the application will not function.	
<b>_</b>	]
PBX setting Specify the IP address of the IP extension card installed in PBX	
192168.0.1	

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

### Note:

Before you click <u>OK</u>, 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.



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



10. To end the call, click the hookswitch.

#### <u>Note</u>

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 reregister your Registration Keys.

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



### 2. Click Configuration.

💝 Options	×
Network License & Software Version	,
Notice Volume control with navigation key is not effective. When voice volume is not enough, adjustment of microphone and speaker of the PC is required, using the Control Panel. VM-Menu on LCD is not supported. It is required to disable VM-Menu feature using COS programming of VM. License Registered license can be confirmed. License can be added for optional features.	
Begistration Menu	
Software Version Panasonic IP Softphone Version 1.056 This software is copyrighted by Panasonic R&D Centre Malaysia Sdn. Bhd. and Panasonic Communications Co., LTD. Reproduction is	
OK Cancel	

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

🕸 KX-TDA0350 License Registration 🛛 🛛 🗙
Basic Features Two licenses are required for basic features.
Registration Number:         7350         -         2010         -         8000         -         0008           Registration Key:         4523         -         0614         -         6078         -         0786         Register
2nd License           Registration Number: 8350           Registration Key:           7160           - 2002           - 5078           - 70786           Registration Key:
Optional Features
Registration Number: 9350 - 2030 - 8000 - 0008 Registration Key: 6550 - 2006 - 6078 - 0786 Register
-4th License: Reserved Registration Number: 0350 - 2040 - 8000 - 0008
Registration Key:

- 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.
- Install the new version of IP Softphone.
   For the installation procedure, refer to Installing IP Softphone Software in this guide.

### Features List

$ \begin{array}{c} \hline \\ \hline $	
Feature	Operation
	Making Calls
Calling	To an extension       To an outside party         Image: Constraint of the second
Redial	
Quick Dialing	$ \bigoplus_{i=1}^{\infty} \models (quick dial no.) \models (f_{i}(t)) $
One-touch	To store $PAUSE \rightarrow \square (CO) \rightarrow 2 \rightarrow \square (max. 32 \text{ digits}) \rightarrow \square (max. 32 $
	assigned as a $\bullet$ $\bullet$ $\bullet$ $\bullet$ $\bullet$ $\bullet$ $\bullet$ $\bullet$
Operator Call	
Personal Speed Dialing	To store $\begin{array}{c} & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & &$
System Speed Dialing	To dial AUTO DIAL $\swarrow$ $\blacktriangleright$ $\bigcirc$ $\bigcirc$ $\bigcirc$ system speed dial no. (3 digits)) $\blacktriangleright$ $\bigcirc$
Doorphone Call	$ ▲ ► ★ 3 1 ► doorphone no. (2 digits)  \int_{C. Tone} \int_{C} \int_{C}$
Automatic Callback Busy	To set $G$ $C.$ ToneWhile hearing a busy tone $C.$ ToneTo cancel $M$ To cancel $M$ To cancel $M$ To cancel $M$ To answer from an idle extension While hearing a callback ringTo answer from an idle outside line While hearing a callback ringTo answer from an idle outside line While hearing a callback ringMathematical function $M$ $M$ $M$ Mathematical function $M$ $M$ $M$ Mathematical function $M$ $M$ $M$ Mathematical function $M$ $M$ Mathematical function $M$ $M$ Mathematical function $M$ $M$ Mathematical function $M$ Mathematical function $M$
	During a Conversation
Call Hold	To holdTo retrieve a call at the holding extension $\stackrel{HOLD}{\longrightarrow}$ $\stackrel{P}{\longleftarrow}$ $\stackrel{P}{\longleftarrow}$ $\stackrel{P}{\longleftarrow}$ $\stackrel{P}{\longleftarrow}$ $\stackrel{HOLD}{\longrightarrow}$ $\stackrel{C}{\longleftarrow}$ $\stackrel{P}{\longleftarrow}$ $\stackrel{P}{\longleftarrow}$ $\stackrel{P}{\longleftarrow}$ $\stackrel{P}{\longleftarrow}$ $\stackrel{C}{\longrightarrow}$ $\stackrel{C}{\longleftarrow}$ $\stackrel{P}{\longleftarrow}$ $\stackrel{P}{\longleftarrow}$ $\stackrel{P}{\longleftarrow}$ $\stackrel{P}{\longleftarrow}$
	To retrieve an outside call from another extension $ \sum_{(CO)} \qquad \models \qquad \int_{(U_{C})}^{U_{C}} \int_{(U_{C})}^{U_{$
Call Transfer	$\begin{array}{c c} \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \\ \hline \\ \\ \hline \\ \\ \hline \\ \\ \\ \hline \\$

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

Feature	Operation
	Useful Features
Call Park	To set       During a conversation         TRANSFER       ↓         C. Tone       ★         C. Tone       ★         C. Tone       ★         C. Tone       ★
	To retrieve Stored parking zone no. (2 digits) ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
Multiple Party Conversation	To add other parties during a conversation $CONF \downarrow C. Tone$ $CONF \downarrow C. Tone$ $CONF \downarrow C. Tone CONF \downarrow C. Tone Talk with new party.$ Talk to the new party. To leave a conference $CONF \downarrow C. Tone Talk with nultiple parties.$ To leave a conference
Call Pickup	$ \begin{array}{c} & & & \\ & & \\ \hline \\ \\ & & \\ \hline \\ \\ \hline \\ \\ & & \\ \hline \\ \\ \hline \\ \\ \\ & \\ \hline \\ \\ \\ \hline \\ \\ \\ \hline \\ \\ \hline \\ \\ \\ \hline \\ \\ \\ \hline \\ \\ \\ \hline \\ \\ \hline \\ \\ \hline \\ \\ \\ \hline \\ \\ \\ \hline \\ \\ \\ \hline \\ \\ \hline \\ \\ \hline \\ \\ \\ \hline \\ \\ \\ \hline \\ \\ \\ \hline \\ \\ \hline \\ \\ \\ \hline \\ \\ \\ \\ \\ \hline \\ \\ \\ \\ \\ \\ \hline \\$
Sending a Call Waiting Tone	While hearing a busy tone <b>1</b> $\blacktriangleright$ Wait for an answer. $\blacktriangleright$
Paging	To page To page (1) $(1)$ $(2)$
	To answer $ \ge                                   $
	To allow/deny a paged announcement $ \begin{array}{c}                                     $
Message Waiting	Caller
	Called extension To call back MESSAGE ► Called
Log-in/Log-out	*         7         3         6         1         For Log-in         Extension no.         Specified         Specified         C. Tone           *         7         3         6         0         For Log-out         *         All         C. Tone

#### Panasonic Consumer Electronics Company, Division of Panasonic Corporation of North America One Panasonic Way, Secaucus, New Jersey 07094

#### Panasonic Puerto Rico, Inc.

San Gabriel Industrial Park, Ave. 65 de Infantería, Km. 9.5, Carolina, Puerto Rico 00985

#### http://www.panasonic.com/csd

#### Copyright:

This material is copyrighted by Panasonic Communications Co., Ltd., and may be reproduced for internal use only. All other reproduction, in whole or in part, is prohibited without the written consent of Panasonic Communications Co., Ltd.

© 2006 Panasonic Communications Co., Ltd. All Rights Reserved.