KX-TDE100/200
Converged IP-PBX

COMMUNICATION
S · Y · S · T · E · M · S

Panasonic
KX-NT366

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Panasonic
ideas for life

Intelligent, Versatile Communications Solutions

Enhance your business with a solution designed to meet your needs with mobility, network applications and a common infrastructure that helps connects your users, wherever they may be. Straight forward and smooth migration is the key for upgrading to converged solutions. KX-TDA100/200 systems can easily be upgraded to take advantage of all the new benefits. Manage a single system, or multiple systems from any location, and benefit from lower costs and increased business productivity. Now that the rules have changed, you can have the advantage.
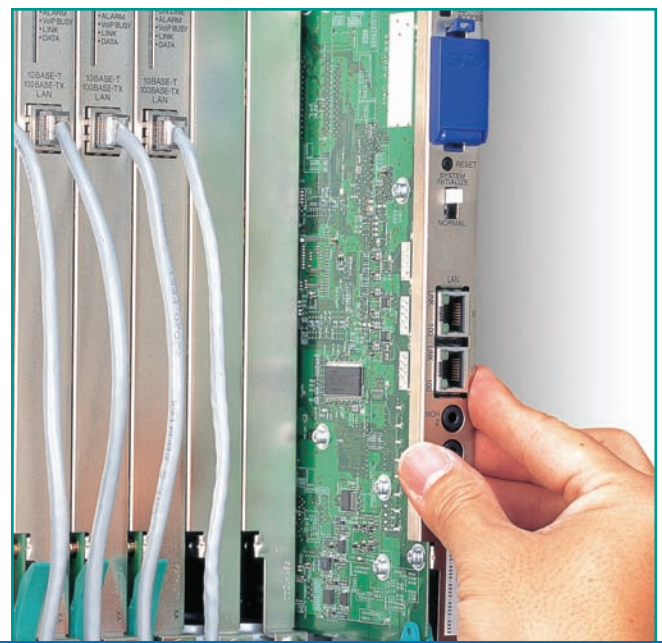
The KX-TDE100/200 *are powerful and versatile communication systems that will easily adapt to any business, providing solutions that will improve the way your business communicates.*

Converged Solution

The KX-TDE100/200's converged architecture is extremely versatile, providing multiple options to meet the expansion needs of your growing business. To increase the system capacity, the free slot design allows you to add cards to accommodate additional extensions, COs, or features, or you can also expand the system by adding licenses to activate the system's built-in virtual IP ports. The converged architecture provides easy, cost-effective solutions to meet your expansion needs, so you can grow your communications network without having to purchase a new system.

Maximum System Capacities*		
	Total Number of CO Lines	Total Number of Extensions
KX-TDE100	128	128
KX-TDE200	128	256

System capacities will vary depending on the type of interface that is used to connect to the system.
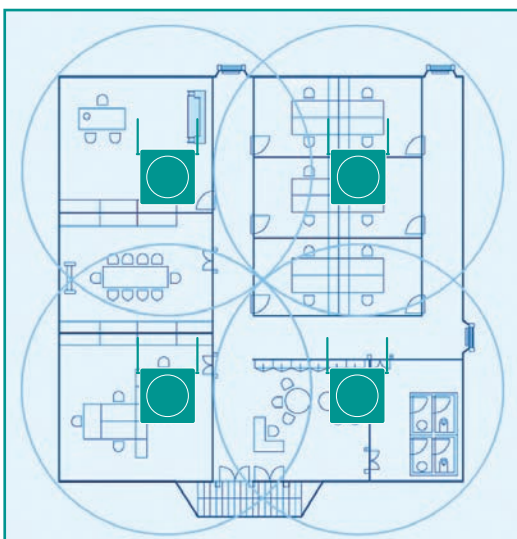
Freedom, with Great Clarity

The Panasonic 2.4 GHz multi-cell wireless telephone with the KX-TDE100/200 allows you to take all of the benefits of the system even when you leave your desk.

Don't miss another important customer call when you walk away from your desk. Panasonic 2.4 GHz multi-cell wireless is here to help. The Panasonic Converged IP-PBX system lets you simply continue your current conversation over a lightweight, business-smart wireless telephone while you are away from your desk or moving around the office.

This is accomplished by creating a wireless coverage area by installing cell stations throughout your location. No matter where you move throughout the coverage area, you stay connected because your wireless connection is handed off from cell to cell seamlessly.

Benefits of 2.4GHz Wireless Telephone Integration

- Up to 128 Handsets can be Connected to One System
- Handsets can be Registered on up to 4 Systems
- Secure High-Quality Speech Reproduction and Excellent Reliability
- Caller ID Name and Number Compatible*
- Programmable Multiple Ring Patterns, including Vibrate Mode
- Access to 1000 System and 100 Personal Speed Dial Numbers

KX-TD7694

- Premium Wireless Telephone
- Lightweight and Compact Design
- Up to 12 CO or Feature Soft Keys can be Programmed
- Speakerphone
- Auto Answer
- 2.5mm Headset Jack
- 5-line LCD Display

KX-TD7684

- Wireless Telephone
- Lightweight and Compact Design
- Up to 12 CO or Feature Keys can be Programmed
- Speakerphone
- Auto Answer
- 3-line LCD Display

* Requires subscription to fee-based telephone service

Feature-Rich, Attractive and Easy to Use

Panasonic has phones perfect for your budget and needs. No matter which phone you choose, each is equipped with the standard features that will help you achieve new levels of communication ease. For greater convenience, choose from our line of high-end phones equipped with large LCD displays with soft key functionality.

IP Telephones

The Panasonic IP telephony solution integrates your remote employees and locations by giving them easy access to your corporation's central communication hub, letting them enjoy the feature-rich capabilities of the KX-TDE Converged IP PBX.

Self Labeling LCD
(KX-NT366 Only)

The KX-NT366 IP System telephone features 12 flexible buttons, with an LCD screen located to the left row of the button. Each item can be named on the LCD screen through personal or system programming to reflect the function of its corresponding button. Using the "Next Page" key you can change the function and the display of the 12 flexible buttons up to 4 times for a total of 48 different functions.

Bluetooth® Headset Compatible

Mounting the optional KX-NT307 Bluetooth® module lets you connect a commercially available Bluetooth headset for hands free voice communications. You can also answer and end calls using a compatible Bluetooth headset.

24-Character LCD

Bluetooth® Module (KX-NT307option)

Message/ Ringer Lamp

Double-Tilt Design
The double-tilt design lets you adjust the base unit and LCD angles to match desks, tables, or any location. The base unit can be adjusted in eight steps, and the LCD moves separately to optimize the viewing angle.

12 Flexible Button/Self Labeling Keys

Navigator Key

Headset Jack

Next Page Key

KX-NT366

- 6-Line Back-lit Display
- 4 x 12 - Self labeling, Programmable Keys
- Full Duplex Speakerphone
- 2 Ethernet Ports (100Base-T)
- Power Over Ethernet (PoE)
- Bluetooth Module (optional)

KX-NT346 with KX-NT303

- 6-Line Backlit Display
- 24 Programmable Keys
- Full Duplex Speakerphone
- 2 Ethernet Ports (100Base-T)
- Power Over Ethernet (PoE)
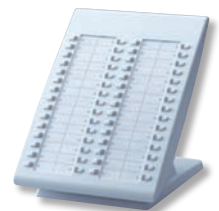- Shown with KX-NT303 12 Additional Programmable Key Module

KX-NT343

- 3-Line Backlit Display
- 24 Programmable Keys
- Full Duplex Speakerphone
- 2 Ethernet Ports (100Base-T)
- Power Over Ethernet (PoE)
- KX-NT303 and KX-NT305 Compatible

KX-NT303 Optional Module

- 12 Additional Programmable Key Module

KX-NT305 Optional Module

- 60 Additional Programmable Key Module (KX-NT346 and NT343 only)

Peer-to-Peer Communications

Simply connect the KX-TDE100 or KX-TDE200 for automatic Peer-to-Peer configuration. Once an IP to IP call is established, the call reverts to a peer-to-peer connection freeing up system recourses. In addition, this makes moving an IP telephone from one office to another within the same network a plug and play operation.

Improved Voice Quality
G.722 Protocol

A Peer-to-Peer connection established between any one of the KX-NT300 series telephones uses a G.722 protocol, one of the highest quality standards for IP voice communications.

Double Tilt Design

The double tilt design lets you adjust the base unit and LCD angles to match the height of a desk, table or any location the phone is placed. The base unit can be adjusted in eight steps and the LCD moves separately to optimize your viewing angle.

Second Ethernet Port

All of the KX-NT300 series telephones are equipped with a second Ethernet port. This reduces cable clutter on your desk and eliminates cost for cabling or additional equipment required to install a second Ethernet port.

KX-NT265

- 1-Line Display
- 8 Programmable CO Keys
- Message/Ringer Lamp
- Digital Speakerphone
- 1 Ethernet Port

System Telephones

Manage change at your own pace. No matter what your deployment strategy is, traditional, IP or both, the KX-TDE can be configured to meet your needs today and well into the future. If you are not ready to deploy voice over your network, our line of KX-T7600 series traditional system telephones is a fully-featured alternative to the KX-TDE.

- ■ Programmable Keys with Red/Green LED
- ■ Easy-to-Read Back-lit Display
- ■ Time-Saving, Easy-to-Use Navigator Keys
- ■ Ergonomically-Designed, Tilt-Angle Adjustment
- ■ Headset Jack for Hands-Free Convenience
- ■ Digital Duplex Speakerphone

KX-T7636 with KX-T7603

- 6-Line Back-lit Display
- 24 Programmable CO Keys
- Digital Speakerphone
- Compatible with Optional 12 CO Keys and USB Port
- eXtra Device Port (XDP) and DXDP
- KX-T7603 12-button Add on-Module

KX-T7633

- 3-Line Back-lit LCD Display
- 24 Programmable CO Keys
- Digital Speakerphone
- Compatible with Optional 12 CO Keys and USB Port
- eXtra Device Port (XDP) and DXDP

KX-T7630

- 3-Line LCD Display
- 24 Programmable CO Keys
- Digital Speakerphone
- eXtra Device Port (XDP) and DXDP

KX-T7625

- Digital Speakerphone
- 24 Programmable CO Keys
- eXtra Device Port (XDP) and DXDP

KX-T7640

- Digital DSS Console
- 60 Direct Stations Selection (DSS) Keys

KX-T7667

- 1-Line Back-lit LCD Display
- 12 Programmable CO Keys
- Message/Ringer Lamp
- Digital Speakerphone
- DXDP

Messaging Solutions

The KX-TDE100/200 is a truly integrated system, connecting your dispersed, off-location offices and employees, while giving you full access to the system's incredibly rich and varied features. Your employees can use the latest in communication technology, and you can manage and maintain your network to your exact specifications.

Panasonic integrated solutions provide a wide variety of options that allow you to design a system that will meet your current and future business requirements – saving you time and money, and maintaining employee and customer satisfaction.
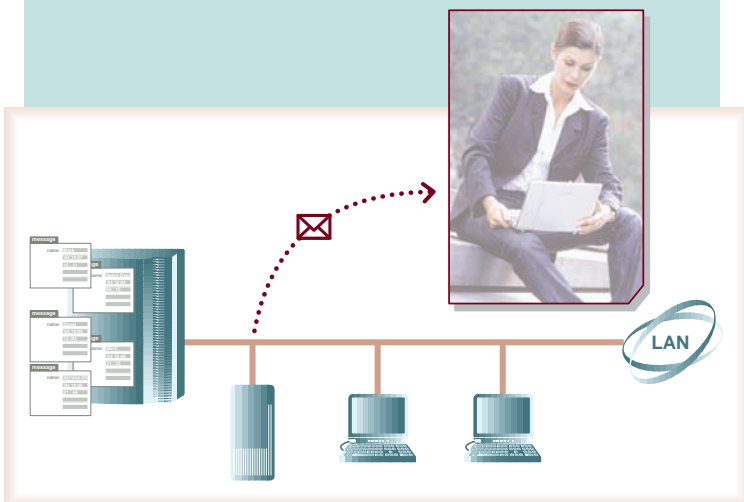
Integrated Messaging Solutions

Get an edge in handling your customers' calls with integrated messaging solutions which automates your message delivery so your customers can get the quick and easy support they deserve. You also benefit from a system that takes messages automatically and keeps you in touch 24 hours a day. And of course, you'll love the cost savings.

Email Integration for Voice Mail with Auto Attendant

e-message

By adding a KX-TVA series voice processing system, your calls can be easily managed by using the built-in automated attendant service, voice mail with email integration, and more. And with complete integration between the KX-TVA and the KX-TDE100/200, you can enjoy features like voice mail LCD menus that allow you to access and manage your voice mailbox using the LCD display and soft keys. With all these choices, it's easy to custom design a system that's right for you.
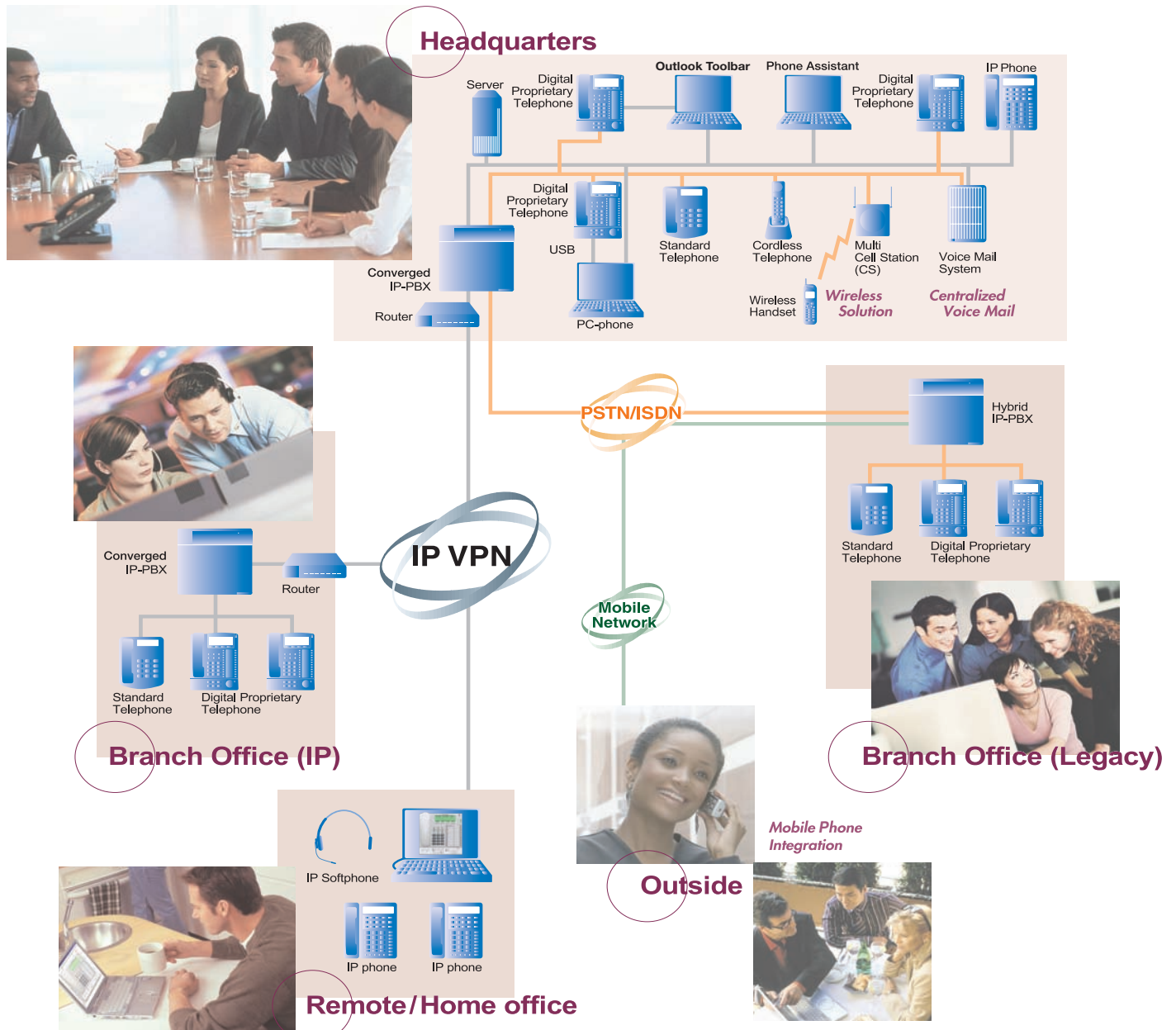
LAN

KX-TVA200

- 4 to 24 Ports and 1024 Mailboxes
- 1000-hour System Recording Time
- E-message
- Telephone LCD Voice Mail Menu
- Customer Service
- Live Call Screening (LCS)
- Two-way Recording
- Two-way Transfer

Networking Solutions

Flexible networking solutions let you build your company's office and employee structure for the 21st century: employees can telecommute and satellite offices can be brought under a single, easily managed network. The KX-TDE 100/200 lets you choose the communication medium that works best for your business, such as VoIP, which is the latest proven technology for voice communications, and is an ideal solution for site-to-site communications between multi-site offices, as well as for networking branch offices and remote employees.

For businesses with multiple locations, our systems can be networked together using advanced IP technology or ISDN. The KX-TDE 100/200 supports centralized voice mail, which services all phones within the network with features like Network BLF, which allows you to view the status of extensions in other locations. Wireless station roaming is also supported, letting you register a wireless phone to a maximum of 4 KX-TDE systems, letting you go to other offices and receive calls directed to them on their wireless station.

By combining rich voice communications with enterprise data networks and applications, Panasonic helps you accomplish your most important business objective - delivering lower costs and enhanced value from your network infrastructure investment.

Headquarters

Server
Digital Proprietary Telephone
Outlook Toolbar
Phone Assistant
Digital Proprietary Telephone
IP Phone

Digital Proprietary Telephone
USB
Standard Telephone
Cordless Telephone
Multi Cell Station (CS)
Voice Mail System

Converged IP-PBX
Router
PC-phone
Wireless Handset
Wireless Solution
Centralized Voice Mail

IP VPN

PSTN/ISDN

Mobile Network

Converged IP-PBX
Router
Standard Telephone
Digital Proprietary Telephone

Branch Office (IP)

Hybrid IP-PBX
Standard Telephone
Digital Proprietary Telephone

Branch Office (Legacy)

IP Softphone
IP phone
IP phone

Remote/Home office

Mobile Phone Integration

Outside

Call Center Solutions

The KX-TDE100/200 lets you achieve cost-effective call center management with built-in call center functions combined with monitoring and report functions.

Your phone calls can be distributed and organized according to purpose and priority, making your call center more efficient while treating your customers right. Monitor employee performance with the KX-NCV200's powerful information reports. Calls can be queued while your team is busy with other calls, and music or prerecorded promotional messages can be played for waiting callers to help reduce lost calls and missed business opportunities.

You can also assign an additional backup destination for calls that are not answered within a specific period of time. Preferred customers and VIPs can even have their calls connected with priority or to a specific staff member, allowing you to provide special attention to special clients.

Achieve cost-effective call center management with built-in call center functions combined with monitoring and report functions.

Built-in Call Center Features

• Call Distribution
The KX-TDE100/200 can be programmed to handle incoming calls so they get routed to the correct department or individual without any disruption to the caller. Calls can be directed to a specific individual, group, auto attendant, voice mail, or any combination of the above.

• Priority Hunting

• Call Distribution to Longest Idle Extension
- • Effectively control incoming calls by programming the incoming calls to balance out the load according to staff and conditions
- • Effective utilization of various call distribution patterns will improve the call management

• Queue Messages and Music On Hold

• Transferring to a Backup (Overflow) Extension
- • Improve the image of your company as well as help avoid losing business opportunities

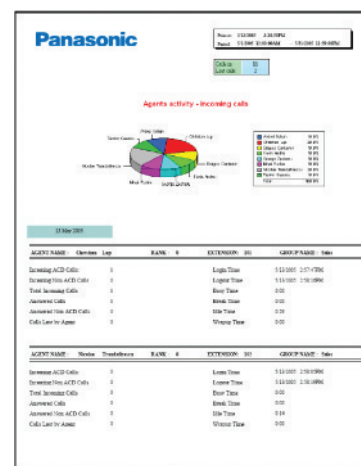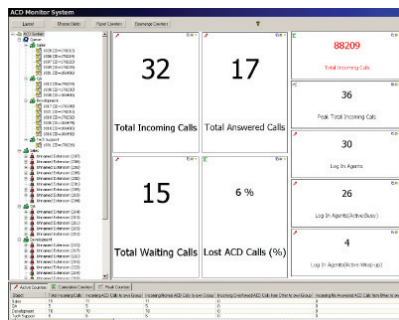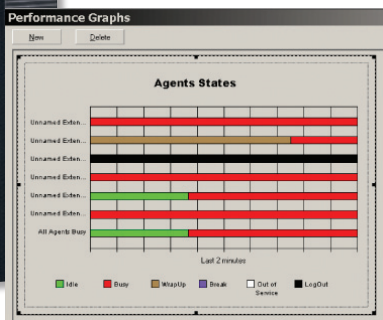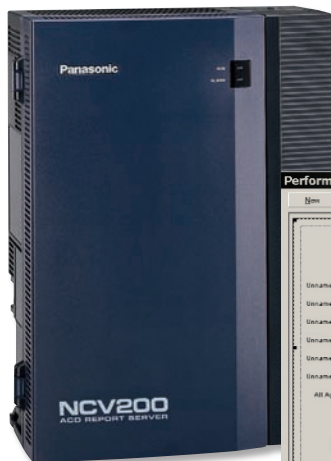**• VIP Priority Special Treatment**
- • Special treatment for special customers

Monitoring and Reporting

KX-NCV200 ACD Report Server
• Reports are Made and Status is Displayed in Supervisor's PC
- • The NCV200 ACD report server brings call center functions to your KX-TDE100/200, providing you with monitoring and performance reports, call information history, and agent log-in. It's easy to optimize call center management with NCV200's readable and comprehensive performance reports.

ACD Report

Performance Graphs

ACD Monitor

CTI Solutions

The KX-TDE100/200 is compatible with two incredibly useful programs that will improve the way your business communicates.
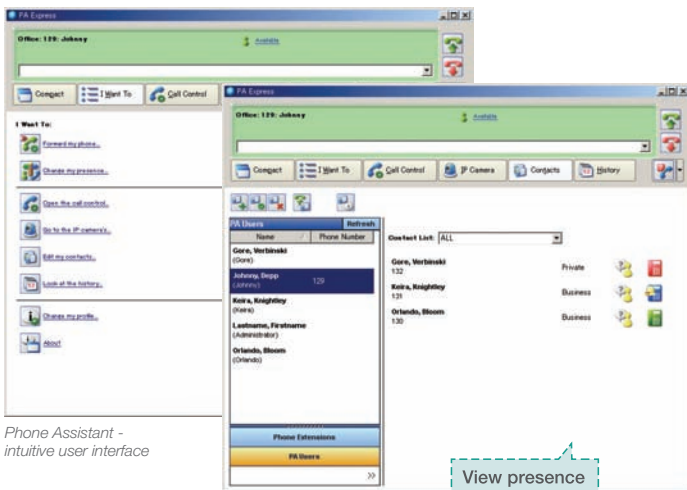
The Outlook USB plug-in lets you control your KX-TDE Converged IP PBX system through Microsoft Outlook®. The Outlook USB plug-in brings two important communications tools together, saving you time and making your office communications easier than ever.

The Panasonic Phone Assistant gives you highly desirable features such as presence, real-time view of all phone activities for managers and team leaders, wizards to help with most common telephony operations, and an intuitive web interface for easy TDE PBX configuration. All this combines to make the Phone Assistant applications an indispensable business productivity tool.

Phone Assistant

By providing on-screen call related information like Caller ID*, and the calling party's name, and allowing users to simply point-and-click or use keyboard shortcuts to quickly handle calls, users are able to do more in less time, increasing personal productivity.

- **Confirm colleague availability and presence**
- **Easy access to system phone functions**
- **Integration with IP Camera**
- **Dial easily with your database**
- **Record conversations directly into Voice Mail (TVA50/200 & NCV200)**

Phone Assistant - intuitive user interface

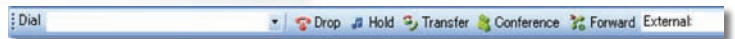View presence & availability.

Phone Assistant Status

Business managers, supervisors, and team leaders can benefit from real-time monitoring of all team member telephony communication activities. The Phone Assistant Status application allows monitoring of up to 128 users (combination of phone assistant users or normal phone extensions) with complete presence and availability information, making it perfect for any informal call center.

- **Monitor Employee Phone Status/Usage**
- **Extended Reporting Capabilities**

Outlook Add-in USB Software

Simplify your office communications with the Outlook USB plug-in, which lets you control your KX-TDA IP PBX system through Outlook. The plug-in resides as a toolbar in Outlook where you can place internal and external calls, answer or drop calls, and more. You can even use many of Outlook's email features for the KX-TDE, like scheduling automatic call forwarding using the Outlook calendar, and making calls straight from your Outlook contacts list.

- **Access Phone features through Outlook Drop-down Menus**
- **Dial Calls using Outlook's Contacts List**
- **Schedule Automatic Call Forwarding using Outlook's Calendar**
- **Answer, Hold, Transfer, or Drop Calls from your PC**
- **Works with Panasonic KX-TDA IP PBX Systems and KX-T7633/T7636 Phones**
- **Easy to Set-up and Use**

KX-TDA0350 VoIP Softphone*

- Allows a PC to Operate as a system telephone
- Emulates a KX-NT136 Telephone
- 24 Programmable CO Keys with Dual Color Indicators
- 6-Line Alphanumeric Display with Interactive Soft Keys
- Easy-to-Use Keyboard or Mouse Operation
- Message Waiting Indicator for VM
- Network Connection Indicator

Requires a VPN connection and additional hardware.

KX-TDE CONVERGED IP-PBX SYSTEM FEATURE LIST		
System Features	**KX-TDE100**	**KX-TDE200**
Absent Message Capability	X	X
Account Code Entry (Forced Verified)	X	X
Account Code Entry (Optional)	X	X
A.R.S. (Automatic Route Selection)	X	X
Automated Attendant (with DISA/OGM)	X	X
Automatic Answer, Intercom and Transferred Calls	X	X
Automatic CO Hunting	X	X
Automatic Fault Logging	X	X
Automatic Rerouting of VoIP Calls to Public CO	X	X
B.G.M. (Back Ground Music) Jack	X	X
Call Back Busy	X	X
Call Forwarding	X	X
Call Hunting (Terminal or Circular)	X	X
Call Log	X	X
Call Parking Zones	X	X
Call Park Retrieve	X	X
Call Pick Up	X	X
Call Transfer/Transfer Recall	X	X
Call Waiting	X	X
Caller ID, Call Logging	X	X
Caller ID, Call Log Lock	X	X
Caller ID, Callback	X	X
Caller ID, Call Waiting	X	X
Caller ID, Date and Time Adjust	X	X
Caller ID (Name and/or Number)	X	X
Caller ID TO SLT	X	X
Class of Service	X	X
Cellular Phone XDP Parallel	X	X
Centralized VM (Requres KX-TVA200 VP system)	X	X
CO access through VoIP using PIN	X	X
CO Limited Duration Timer	X	X
CO Line Names	X	X
CO Line Status (Two Color LED)	X	X
Common extension numbering plan for two PBXs	X	X
Conference Calling (8 Party)	X	X
Data Line Security (for Fax or Modem)	X	X
Data and Time Display	X	X
Delayed Ringing	X	X
D.I.L. (Direct in Line)	X	X
DISA automatic access by cellular phone	X	X
D.I.S.A. (Direct Inward System Access)	X	X
D.I.S.A. Single Digit Access	X	X
Distinctive Ringing Tone (CO, Intercom)	X	X
Distinctive Ring Tone (Doorphones)	X	X
D.N.D. (Do Not Disturb)	X	X
Do Not Disturb Override	X	X
Door Intercoms/Door Opener Contacts	8	16
DSS/BLF Consoles	X	X
Dual Port Usage (Parallel SLT Station)	X	X
Duration Time of Call Display	X	X
DXDP (Version 1.1)	X	X
Electronic Station Lock	X	X
Emergency Call Number Programming	X	X
End of call detection for analog CO-CO by DISA	X	X
Extension Groups	X	X
Extension Name on Display When Idle	X	X
Executive Hold	X	X
Executive Override	X	X
Executive Override Deny	X	X
External Modem Support	X	X
External Paging Ports	X	X
External Sensor Input	X	X
Flexible CO Keys (DSS/BLF, One Touch Dial)	X	X
Flexible DSS Keys (One Touch, Feature Access)	X	X
Flexible Key Assignments	X	X
Flexible Line Assignment	X	X
Flexible Night Service/Programmable/Manual	X	X
Flexible Ringing Assignment (Day, Night)	X	X
Flexible Ring Assignment (Lunch)	X	X
Flexible Station Numbering	X	X
Hands-Free Answer Back Intercom	X	X
Handset/Headset-Display Phones	X	X
Hold	X	X
Hold Recall/Hold Reminder	X	X
Hotel/Motel Features	X	X
Ring Message Waiting	X	X
Remote Station Lock	X	X
Quick Dialing	X	X
Room Status	X	X
ICD group call distribution to longest idle extension	128	128

KX-TDE CONVERGED IP-PBX SYSTEM FEATURE LIST		
System Features	**KX-TDE100**	**KX-TDE200**
ICD group proprietary telephone simultaneous ring	128	128
ICD group ring with cellular phones	X	X
ICD groups	X	X
ICD groups members	X	X
Incoming call log for answered ICD group call	X	X
Industry Standard Telephone Capability	X	X
Internal Paging (All Call Paging)	X	X
Internal Paging (Zone Paging)	X	X
ISDN Primary Rate Interface (PRI) with QSIG	X	X
Last Number Redial	X	X
Limited Call Duration	X	X
Live Call Screening (DPITS only)	X	X
Live Call Screening, Remote (DPITS only)	X	X
Login/Logout (Hunt, Ring, UCD)	X	X
Login/Logout	X	X
Lunch/Break Mode	X	X
Memory Back-up	X	X
Message Waiting—Proprietary Phones	X	X
Message Waiting SLT	X	X
Military Time Display	X	X
M.O.H. (Music on Hold)	X	X
Multi-Cell Wireless	X	X
Multilingual Displays (5)	X	X
Multiple Voice Mail Lamps	X	X
Network Call Forward for PRI23 QSIG	X	X
Network Call Transfer for PRI23 QSIG	X	X
Network DSS, 250 keys for 8 TDA PBXs	X	X
Network ICD group	X	X
Off-Hook Tone Signaling	X	X
Off-Hook Monitoring (KX-T7431, 7433, 7436, 7600 Series)	X	X
Off-Hook Voice Announce (KX-T7235, T7436, 7600 Series)	X	X
On-Site Programming Diagnostics	X	X
Operator Call	X	X
Portable Station Roaming (using network ICD group)	X	X
Power Failure Transfer	X	X
Pre-Selection (Central Office or Intercom)	X	X
Privacy Release	X	X
Remote Programming and Diagnostics	X	X
Remote Station Lock Control	X	X
Ring Groups	X	X
Ring Groups DISA	X	X
Ringing Line Preference	X	X
Saved Number Redial	X	X
Secret Dialing	X	X
Seven Day ARS Time Tables	X	X
SIP Extension Compatible	X	X
SIP Trunk Compatible	X	X
S.M.D.R. (Station Message Detail Recording)	X	X
Station Name Display	X	X
Station to Station Messaging	X	X
Station Speed Dial Numbers	X	X
System Speed Dial Numbers	X	X
TAPI Compliant	X	X
T1 Interface	X	X
T.A.F.A.S. (Trunk Answer from any Station)	X	X
Toll Restriction	X	X
Toll Restriction Override	X	X
Tone/Pulse Conversation	X	X
Tone/Pulse Dialing (By CO Line)	X	X
Transfer from cellular phone	X	X
Transfer (Screened/Unscreened)	X	X
Trunk Groups	X	X
Two-Way Record (DPITS)	X	X
Two-Way Transfer (DPITS)	X	X
Unattended Conference Call	X	X
Uniform Call Distribution without OGM	X	X
Uniform Call Distribution with OGM	X	X
Voice Mail, Automatic Configuration (DPITS only)	X	X
Voice Mail Integration (Inband)	X	X
Voice Mail Integration (DPITS)	X	X
Voice Mail Ports	X	X
Voice Messaging Card	X	X
VOIP Gateway	X	X
VOIP Extension	X	X
Walking Class of Service	X	X
Whisper OHCA	X	X
Wrap-up for outgoing call	X	X

X=Yes
Units, Weights and Specifications subject to change

KX-TDE100/200 SYSTEM SPECIFICATIONS

Control Bus		Original bus (16-bit, 8 MHz, 10 megabytes per second)
Communication Bus		H, 100 bus conformity (1024 time slots)
Switching		Non-blocking
Power Input	PSU-M	100 V AC to 130 V AC, 2.5 A/200 V AC to 240 V AC, 1.4 A, 50 Hz/60 Hz
	PSU-L	100 V AC to 130 V AC, 5.1 A/200 V AC to 240 V AC, 2.55 A, 50 Hz/60 Hz
	PSU-S	100 V AC to 130 V AC, 1.4 A/200 V AC to 240 V AC, 0.8 A, 50 Hz/60 Hz
External Battery		+36 V DC (+12 V DC x 3, recommended maximum capacity per shelf is 28 Ah)
Memory Backup Duration		7 Years
Dialing	Trunk	Dial Pulse (DP) 10 pps, 20 pps Tone (DTMF) Dialing
	Extension	Dial Pulse (DP) 10 pps, 20 pps Tone (DTMF) Dialing
Operating Environment	Temperature	0 °C to 40 °C
	Humidity	10% to 90% (non-condensing)
Conference Call Trunk (per shelf)		From 10 x 3-party conference call to 4 x 8-party conference call
Music on Hold (MOH)		2 ports (Level Control: -11 dB to +11 dB in 1 dB steps) MOH1: External Music Source Port MOH2: Selectable Internal/External Music Source port
Paging	Internal	Level Control: -15 dB to +6 dB in 3 dB steps
	External	2 ports (Volume Control: -15 dB to +15 dB in 1 dB steps)
Serial Interface Port	RS-232C	1 (maximum 115.2 kbps)
	RJ45	2
Extension Connection Cable		SLT — 1-pair wire (T, R)
		DPT — 1-pair wire (D1, D2) or 2-pair wire (T, R, D1, D2)
		APT — 2-pair wire (T, R, D1, D2)
		PT-interface CS — 1-pair wire (D1, D2)
		DSS Console and Add-on Key Module — 1-pair wire (D1, D2)
Dimension	TDE100	13-1/3" (D) x 15-3/5" (H) x 10-3/4" (W)
	TDE200	17-1/5" (D) x 16-2/5" (H) x 10-7/8" (W)
Weight (when fully mounted)	TDE100	Under 26.4 lbs.
	TDE200	Under 35.2 lbs.
Minimum Number of Extension Instruments per Line		**1** for PT or SLT **2** by Parallel or eXtra Device Port connection of an APT/DPT and an SLT **3** by Digital eXtra Device Port connection of 2 DPTs and an SLT

SYSTEM CONFIGURATION

			KX-TDE100	KX-TDE200
Extension	System Total		128	256
	Built-in	IP Proprietary Telephone (IP-PT)	64	64
		SIP Extension	128	128
		Total	128	128
	Additional	IP Proprietary Telephone (IP-PT)	64	128
		Single Line (a/b) Telephone (SLT)	64	128
		Digital Proprietary Telephone (DPT) - DXDP	128	256
		Analog Proprietary Telephone (APT)	32	64
		Direct Station Select (DSS) Console	8	8
		Voice Processing System (VPS)	2	2
		Total	128	256
Trunk	System Total		128	128
	Built-in	IP-GW/SIP Trunk	32ch	32ch
		Total	32	32
	Additional	Analog Trunk	64	128
		ISDN Trunk - PRI	120 (4PRI)	120 (4PRI)
		IP-Gateway	32	64
		Total	120	128
	Portable Station (PS)		128	128
	Cell Station (CS)		16	32

#1: SLT+PT+IP Ext. + ISDN-Ext. (D-CH) + T1-OPX   This extension total is the same as KX-TDA100/200.

Panasonic

Excellent Reliability and Maintenance

The KX-TDE100/200 is assured by rigorous quality control and extensive testing before it leaves the factory, and comes with a 2-year warranty. The system is also designed for quick, easy maintenance, keeping downtime to an absolute minimum so your company can operate with as little disruption as possible. You can also change or upgrade modules without switching off the system. The KX-TDE100/200 is RoHS compliant, meeting the international standard for the restriction of the use of certain hazardous substances in electronic equipment, ensuring your system will meet the international environmental standard that's becoming increasingly important.

Programming & Maintenance

Panasonic certified technicians use a Windows-based programming tool with multiple password-protected access points to program the system and perform maintenance. The system can also be accessed remotely via an optional dial-up modem or through the Internet.

Secure Digital (SD) Card

Even if your system suffers a catastrophic failure, all of your system information is saved and can be reloaded easily with our Secure Digital (SD) card. In addition, the SD card makes it simple to upgrade the system with new features.

Certification Program

The KX-TDE100/200 and associated equipment are Panasonic Consumer Electronics Company certified dealer models.
Visit www.Panasonic.com/csd to locate a certified dealer near you.

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