

Panasonic Telephone Systems

Panasonic KX-TDA50G, KXTDA50G, TDA50G



www.voicesonic.com

Phone: 877-289-2829

PANASONIC COMMUNICATION SYSTEMS KX-TDA50G HYBRID IP-PBX SYSTEM VOICE PROCESSING SYSTEMS AND ACD REPORTING SYSTEM



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PRODUCT CATALOG











Effective Date July 2009














Supersedes all Previous Price Lists








VERSION 1.1 - 7/2/09



Panasonic
ideas for life




Model Number	Description	Per Master Carton		UPC Code 0-37988-
		Units	Weight	
KX-TDA HYBRID IP PBX CONTROL UNIT				
*****IMPORTANT*****				
The KX-TDA50G is a certified dealer model. A valid activation key should be uploaded prior to initial set-up. Only dealers who have successfully completed the KX-TDA Technical Training course and have a valid KX-TDA certification number can activate this system.				
<p>KX-TDA50G</p>  	<p>CONTROL UNIT</p> <p>The KX-TDA50G control unit is initially configured with 4 Super Hybrid Extension Ports and 4 Loop Start CO ports (1 LCOT card), Power Supply, RS-232 port, USB port, MOH port, Paging port and a SD card. The system is expandable to 12 COs and 24 Extension ports. Please refer to the KX-TDA50G Capacities Chart #1.</p> <p>Features (some features listed are optional)</p> <ul style="list-style-type: none"> • Multi-Cell Wireless • VOIP Gateway with QSIG (Enhanced System Networking) • PC-Based Programming • Digital Extra Device Port DXDP • Automatic Route Selection (ARS) • Toll Restriction • Built-in Caller ID Name & Number to (DPT, APT & SLT) for first 4 CO lines • In Skin Voice Mail Card and Voice Mail Integration • Uniform Call Distribution (UCD) • Direct Inward System Access (DISA) • Supports SIP Trunking 	1	9.03 lbs.	85076-1
*****NOTE*****				
All TDA50G components are compatible with the TDA50.				

Model Number	Description	Per Master Carton		UPC Code 0-37988-
		Units	Weight	
MOUNTING HARDWARE FOR KX-TDA CONTROL UNITS				
KX-A244X 	19" BRACKET FOR THE KX-TDA50G For mounting the KX-TDA50G cabinet in a 19" rack.	1	3.85 lbs.	85112-6
KX-TDA50G EXPANSION CARDS AND ACCESSORIES				
KX-TDA50G STATION CARDS				
KX-TDA5170 	4-PORT HYBRID LINE CARD (HLC4) 4 ports per card. Supports KX-T7700 (APT) series telephones, Single Line (SLT) and DSS console, KX-T0151 and KX-T0155 Cell Stations and Voice Mail. Maximum one per system. Please refer to KX-TDA50G System Capacities Chart #1 prior to configuring a system.	5	4.4 lbs.	85080-8
KX-TDA5171 	4-PORT DIGITAL LINE CARD (DLC4) 4 ports per card. Supports KX-T7600, KX-DT300, KX-T7400(DPT) series telephones, DSS console, KX-T0151 and KX-T0155 Cell Stations and Voice Mail. Maximum one per system. Please refer to KX-TDA50G System Capacities Chart #1 prior to configuring a system. Note: to support Bluetooth with the KX-DT300 requires v.5 software version.	5	4.07 lbs.	85081-5
KX-TDA5172 	8-PORT DIGITAL LINE CARD (DLC8) 8 ports per card. Supports KX-T7600 KX-DT300, & KX-T7400 (DPT) series telephones, DSS console, KX-T0151 and KX-T0155 Cell Stations and Voice Mail. Maximum two per system. Please refer to KX-TDA50G System Capacities Chart #1 prior to configuring a system. Note: to support Bluetooth with the KX-DT300 requires v.5 software version.	5	5.18 lbs.	85082-2
KX-TDA5173 	4-PORT SINGLE LINE CARD (SLC4) 4 ports per card. Supports single line telephones (SLT). Also equipped with 4 DTMF receivers. 1 card max per system. Please refer to KX-TDA50G System Capacities Chart #1 prior to configuring a system.	5	4.07 lbs.	85083-9
KX-TDA5174 	8-PORT SINGLE LINE CARD (SLC8) 4 ports per card. Supports single line telephones (SLT). Also equipped with 8 DTMF receivers. 2 cards max per system. Please refer to KX-TDA50G System Capacities Chart #1 prior to configuring a system.	5	5.18 lbs.	85084-6
KX-TDA5175 	4-PORT PROPRIETARY LINE CARD (PLC4) 4 ports per card. Supports KX-T7700 series (APT), DSS and Voice Mail. 1 card max per system. Please refer to KX-TDA50G System Capacities Chart #1 prior to configuring a system.	5	4.41 lbs.	85085-3
KX-TDA5176 	8-PORT PROPRIETARY EXTENSION CARD (PLC8) 8 ports per card. Supports KX-T7700 Series (APT), DSS and Voice Mail. 2 cards max per system. Please refer to KX-TDA50G System Capacities Chart #1 prior to configuring a system.	5	5.1 lbs.	85086-0
KX-TDA5470 	IP EXTENSION CARD (IP-EXT4) The KX-TDA5470 card permits you to connect the KX-TDA50G to wide or local area network for connection of up to 4 IP extensions, KX-NT136, KX-NT265 and the IP Softphone. A maximum of one IP-EXT4 card can be installed in a KX-TDA50G. The IP-EXT4 card requires one 8-port slot.	3	4.9lbs	85201-7
KX-TDA50G CENTRAL OFFICE CARDS				
KX-TDA5180 	4-PORT LOOP START CO CARD (LCOT4) 4 ports per card. 2 ports have power failure transfer. 1 optional (KX-TDA5193) 4 port caller ID can be mounted to support caller ID. Please refer to KX-TDA50G System Capacities Chart #1 prior to configuring a system.	5	4.4 lbs.	85087-7

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KX-TDA5450 	GATEWAY CARD (SIP-GW4) 4-channel SIP gateway card. Compliant with RFC 3261, 3262, 3264, 3311, and 4028 protocols, and ITU-T G. 729A/B and G.711 CODEC methods.			
KX-TDA5451 	SIP DSP CARD (SIP-DSP4) 4-channel VoIP DSP card. To be mounted on the SIP-GW4 card.			
KX-TDA5480 	VOIP GATEWAY CARD (IPGW4) Supports up to 4 IP connections for networking the KX-TDA50G to other KX-TDA systems. H.323V.2, ITU-T, G729a, G.723.1 and G711 compliant. 1 card max per system. Please refer to KX-TDA50G System Capacities Chart #5 prior to configuring a system.	1	4.07 lbs.	85091-4
KX-TDA50G ACCESSORIES				
KX-TDA5105 	MEMORY EXPANSION CARD (MEC) FOR TDA50 For use with the KX-TDA50G only with version 1.1 or higher software. Required when DXDP is used. Please refer to the Memory Expansion Requirements Chart #3.	5	0.11 lbs.	85121-8
KX-TDA5161 	4-PORT DOORPHONE / DOOR OPENER CARD (DPH4) Support up to 4 doorphones (KX-T30865, KX-T7765 or KX-T7775). Also equipped with 4 dry contacts for connection to electric door strike or other compatible type equipment. Maximum 1 per system.	5	6.3 lbs.	85077-8
KX-TDA5166 	8-CHANNEL ECHO CANCELLER CARD (ECHO8) Provides echo cancellation for conference calls for up to 16 ports. Max 1 per system.	5	3.85 lbs.	85078-5
KX-TDA5168 	EXTENSION CALLER ID CARD (EXT-CID) Required to pass Caller ID to Single line telephone, fax answering machines etc. Supports up to 8 SLT devices. One card per system. Mounts in any of the optional slots.	5	3.85 lbs.	85079-2
KX-TDA5191 	2-CHANNEL MESSAGE CARD (MSG2) Provides 2 ports for outgoing messages for DISA, Queuing, Wake-Up and internal hold melody. A maximum of 32 messages can be recorded with a maximum total recording time of 8 minutes.	5	3.85 lbs.	85088-4
KX-TDA5192 	SIMPLIFIED VOICE MESSAGE CARD (SVM) Adds simple Voice Mail to the system. Each user can be assigned a Mail Box. Extension user can record a personal greeting message to greet callers. The user can also play back and clear greeting messages and the voice messages left by callers. Maximum of 2 cards per system. For use in the KX-TDA50G and the KX-TAW848 only.	3	3.28lbs	85173-7
KX-TDA5193 	4-PORT CALLER ID CARD (CID4) Required to receive Caller ID information from the CO. Each KX-TDA5193 activates caller ID on 4 CO lines. Mounts on the KX-TDA5180 Loop Start CO Card.	5	1.10 lbs.	85089-1
KX-TDA5194 	2 CHANNEL ENHANCED SIMPLIFIED VOICE MESSAGE CARD (ESVM2) 2-channel enhanced simplified voice message card for Enhanced Simplified Voice Message feature.			
KX-TDA5196 	REMOTE CARD (V.90) (RMT) Modem card for remote maintenance and programming. Maximum 1 per system.	5	.881 lbs.	85090-7
KX-A236 	ADDITIONAL AC POWER SUPPLY Optional external power supply required when over 4 KX-T7000, 7200, 7300, 7400, 7700 series telephones and over 4 KX-T0141 Cell Stations are installed. Please refer to the KX-TDA50G Capacities Chart #3.	5	9.92 lbs.	85092-1










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OPTIONAL CTI SOFTWARE				
PHONE ASSISTANT SOFTWARE ACTIVATION KEY PACKAGES				
KX-NCS1101 	PHONE ASSISTANT PROFESSIONAL (1-ACTIVATION KEY) Includes 1 Phone Assistance Pro user activation key.	3	1.4 lbs.	85222-2
KX-NCS1105 	PHONE ASSISTANT PROFESSIONAL (5-ACTIVATION KEYS) Includes 5 Phone Assistance Pro user activation keys.	3	1.4 lbs.	85223-9
KX-NCS1110 	PHONE ASSISTANT PROFESSIONAL (10-ACTIVATION KEYS) Includes 10 Phone Assistance Pro user activation keys.	3	4.6 lbs.	85224-6
KX-NCS1199 	PHONE ASSISTANT PROFESSIONAL (128-ACTIVATION KEYS) Includes 128 Phone Assistance Pro user activation keys.	1	1.4 lbs.	85225-3
KX-NCS1201 	PA SUPERVISOR (1-ACTIVATION KEY) Includes 1 Phone Assistance Status Pro user activation key.	3	4.6 lbs.	85226-0
KX-NCS9101 	PA IP SOFT PHONE (1-ACTIVATION KEY) Includes 1 IP Soft phone user activation key. This activation key is required to integrate the IP softphone with PA pro. A PA Pro activation key is also required.	3	4.6 lbs.	85227-7
PC PHONE / IP SOFTPHONE / OUTLOOK TOOLBAR SOFTWARE				
KX-TDA0350 	PC PHONE / IP SOFTPHONE / OUTLOOK TOOLBAR PACK AND MULTI-SITE PROGRAMMING SW ACTIVATION KEY Contains 5 activation keys that can be used for either PC Phone, IP Softphone or Outlook Toolbar. PC Phone software provides the user with the ability to use their PC to operate their telephones when connected to the KX-T7601 USB Expansion Module. To activate PC phone requires one license. The IP Softphone is software that allows you to use your PC as a telephone when connected to LAN, WAN or VPN. For IP Softphone to operate a KX-TDA100/200 must be connected to the same network using VOIP Extension Card KX-TDA0470. To fully activate the IP Softphone requires 4 activation keys and to fully activate PC phone requires one activation key. To activate the Outlook Toolbar requires licenses and a connection to the optional USB expansion module KX-T7601. Multi-site Programming SW activation keys, Max 2 activation keys. 1st activation key supports 2-10 sites, a 2nd activation key is required to support from 11 to 100 sites. One KX-TDA0350 supports one Unified Programming and Maintenance Tool 2 to 10 sites a second KX-TDA0350 must be purchased to support from 11 to 100 sites.	1	1.69 lbs	85943-3







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PC CONSOLE SOFTWARE				
KX-TDA0300 	PC CONSOLE/UNIFIED PROGRAMMING TOOL SOFTWARE LICENSE Includes a software license that can be used to active one PC console or one Unified Programming and Maintenance Tool. PC console software provides the user the ability to use a PC as a system console. The PC must be connected to a KX-T7600 series telephone equipped with the optional USB module (KX-TDA7601). PC console is not for use on networked systems.	1	1.69 lbs.	85943-3
KX-TDA5920 	CTI/NETWORK SYSTEM APPLICATION SOFTWARE FOR TDA50 SD Card that contains software to support Enhanced CTI functions and network DSS/BLF operation. Requires version 2.0 software or higher (refer to chart #5).	3	.32 lbs.	85133-1









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MULTI-CELL WIRELESS				
KX-T0155  DECT	2-CHANNEL DECT CELL STATION (DCS) 2-port cell station for use with multi-cell wireless feature in the TDA50G. On the KX-TDA50G, the KX-T0155 connects directly to an extension port of the KX-TDA50G Mother Board, DLC or HLC cards. Supports the KX-TD7685, KX-TD7695 and KX-TD7696 DECT telephones only.	3	4.09 lbs.	85229-1
KX-T0158  DECT 	8-CHANNEL DECT CELL STATION (DCS) 8-Channel cell station for use with multi-cell wireless feature in the KX-TDA50G. Supports the KX-TD7685, KX-TD7695 and KX-TD7696 DECT telephones only.	3	4.3 lbs.	85204-3







Model Number	Description	Per Master Carton		UPC Code 0-37988-
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KX-TD7685  DECT	DECT MULTI CELL WIRELESS HANDSET <ul style="list-style-type: none"> • Speaker phone with Auto Answer • Ring, Melodies and Vibration mode • Large Back lit LCD • Navi-key operation • PBX functionality support • Headset jack 	3	5.89 lbs.	85218-5
KX-TD7695  DECT	COMPACT DECT MULTI CELL WIRELESS HANDSET <ul style="list-style-type: none"> • Speaker phone with Auto Answer • Ring, Melodies and Vibration mode • Large Back lit LCD • Navi-key operation • PBX functionality support • Headset jack 	3	5.51 lbs.	85220-8
KX-TD7696  DECT	RUGGEDIZED DECT WIRELESS PHONE <ul style="list-style-type: none"> • Blue, 6 line backlit LCD display • Dust and splash (water) resistant (IP54) • Illuminated keypad • Multiple language display • Speakerphone • Programmable soft keys • PBX functionality support 	3	6.05 lbs.	52635-5
PSZZTD142CE	SITE SURVEY CELL STATION BATTERY PACK Used to power the KX-TDA0142 or the KX-T0141 Cell Station, for site surveys. The Cell Station, along with a KX-TD7685, KX-TD7695, or KX-TD7696 is used as a tool to assist the installer in determining coverage and placement of the cell stations. Requires 1 PSZZ1TD0142 power supply adapter. Must be purchased from the Panasonic Parts Center at: 800-833-9626.	N/A	N/A	N/A
PSZZ1TDA0142	BATTERY PACK CELL STATION CONNECTOR Consists of a connector to connect the Cell Station battery pack to Cell Station when doing site surveys. 1 required with the Cell Station Battery Pack Must be purchased from the Panasonic Parts Center at: 800-833-9626.	N/A	N/A	N/A






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IP TELEPHONES (FOR USE WITH KX-TDA SYSTEMS ONLY)				
KX-NT346 KX-NT346-B  	6-LINE BACK-LIT LCD DISPLAY IP TELEPHONE <ul style="list-style-type: none"> • 24 Programmable Keys • Digital Duplex Speakerphone • 2 Ethernet Ports (100Base-T) • Power Over Ethernet (PoE) or with KX-A239 AC Power Adaptor • Blue tooth compatible with KX-NT307 Adaptor KX-NT346-B BLACK VERSION Compatible only with KX-TDA50G software version 5.0 or higher.	3	11.51 lbs.	85208-6 Black 85209-3
KX-NT343 KX-NT343-B  	3-LINE BACK-LIT LCD DISPLAY IP TELEPHONE <ul style="list-style-type: none"> • 24 Programmable Keys • Digital Duplex Speakerphone • 2 Ethernet Ports (100Base-T) • Power Over Ethernet (PoE) or with KX-A239 AC Power Adaptor • Blue tooth compatible with KX-NT307 Adaptor KX-NT343-B BLACK VERSION Compatible only with KX-TDA50G software version 5.0 or higher.	3	11.34 lbs	85210-9 Black 85211-6
KX-NT321 KX-NT321-B  	ADVANCED IP TELEPHONE - 8 BUTTON, 1-LINE LCD, 2ND LAN PORT <ul style="list-style-type: none"> • 8 Programmable Keys • Digital Duplex Speakerphone • 2 Ethernet Ports (100Base-T) • Power Over Ethernet (PoE) or with KX-A239 AC Power Adaptor • Dual PBX support KX-NT321-B (BLACK VERSION)	3	4.80 lbs.	52352-2 Black 52369-9
KX-NT303 KX-NT303-B  	12-KEY ADD ON MODULE <ul style="list-style-type: none"> • 12 programmable keys • Compatible with the KX-NT346, KX-NT343, KX-DT343, and KX-DT346 only. KX-NT303-B BLACK VERSION Compatible only with KX-TDA50G software version 5.0 or higher.	3	2.65 lbs	85212-3 Black 85211-6
KX-NT305 KT-NT305-B  	60-KEY ADD ON MODULE <ul style="list-style-type: none"> • 60 programmable keys • Compatible with the KX-NT346 and the KX-NT343 only KX-NT305-B BLACK VERSION	3	6.36 lbs.	85214-7 Black 85215-4

Model Number	Description	Per Master Carton		UPC Code 0-37988-
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KX-NT307	BLUETOOTH MODULE Required to make the KX-NT366, KX-NT346, KX-NT343, KX-DT343, and KX-DT346 telephones Bluetooth compatible.	3	1.01lbs	85216-1
KX-A239	AC ADAPTOR FOR KX-NT300 SERIES TELEPHONES Includes one Adaptor for use with KX-NT300 Series telephones.	3	1.67	85217-8
KX-NT265  	8 BUTTON IP TELEPHONE WITH 1 LINE LCD DISPLAY 8 Programmable Buttons, 11 fixed buttons for Intercom, Program, Message, Flash/Redial, Auto Answer/Mute, Auto Dial/Store, Volume, Hold, Redial and Speakerphone, Headset Jack, Wall Mountable, Available in White (KX-NT265) or Charcoal (KX-NT265-B). For use with the KX-TDA100, KX-TDA200 and KX-TDA600 only. The KX-NT265 can be powered through the LAN (POE) or an optional power adaptor KX-A237 (sold separately). KX-NT265-B BLACK VERSION	3	8.24lbs	85174-4 Black 85175-1
KX-NT136 KX-NT136-B  	IP TELEPHONE Equipped with a 6 line backlit LCD display, 24 Programmable buttons, 12 fixed buttons for (Intercom, Conference, Pause, Forward/Do Not Disturb, Flash/Recall, Auto Answer/Mute, Auto Dial/Store, Hold, Transfer, Message, Redial, Flash/Recall and Speakerphone). Also equipped with a Navigation Key, Headset Jack and can be Wall Mounted. The KX-NT136 IP telephone can only be connected to a managed wide a or local area network. Requires KX-TDA0470 16 channel IP extension card to be installed in KX-TDA100 or KX-TDA200 and connected to the same network. The KX-NT136 can be powered through the LAN (POE) or an optional power adaptor KX-A237 (sold separately). KX-NT136-B BLACK VERSION	3	3.46 lbs.	85130-0 Black 85131-7
KX-A237 	AC ADAPTOR for the KX-NT136 and KX-NT265 Includes one adaptor for use with one KX-NT136 IP telephone. Required if power is not supplied over the network (POE).	3	.84 lbs.	85132-4
KX-DT300 SERIES DIGITAL TELEPHONES				
KX-DT346-B  	24 BUTTON 6-LINE BACKLIT LCD DISPLAY DIGITAL TELEPHONE <ul style="list-style-type: none"> • 24 Programmable CO buttons • Digital Duplex Speakerphone • Bluetooth compatible with KX-NT307 Adaptor Note: Bluetooth capability requires v. 5 system software • Digital Extra Device Port • Alphanumeric Directory Search • Color-Black 	—	—	—
KX-DT343-B  	24 BUTTON 3-LINE BACKLIT LCD DISPLAY DIGITAL TELEPHONE <ul style="list-style-type: none"> • 24 Programmable CO buttons • Digital Duplex Speakerphone • Bluetooth compatible with KX-NT307 Adaptor Note: Bluetooth capability requires v. 5 system software • Digital Extra Device Port • Alphanumeric Directory Search • Color-Black 	—	—	—


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KX-DT333-B 	24 BUTTON 3-LINE LCD DISPLAY DIGITAL TELEPHONE <ul style="list-style-type: none"> • 24 Programmable CO buttons • Digital Duplex Speakerphone • Digital Extra Device Port • Alphanumeric Directory Search • Color-Black 	—	—	—
KX-DT321-B 	8 BUTTON 1-LINE BACKLIT LCD DISPLAY DIGITAL TELEPHONE <ul style="list-style-type: none"> • 8 Programmable CO buttons • Speakerphone • Alphanumeric Directory Search • Color-Black 	—	—	—
KX-DT390-B	DSS CONSOLE 60 key DSS black console for use with the KX-DT300 series phones.	—	—	—
KX-DT301	USB MODULE USB module for use with the KX-DT300 series phones.	—	—	—
KX-T7600 SERIES PROPRIETARY TELEPHONES (FOR USE WITH KX-TDA SYSTEMS ONLY)				
KX-T7601 KX-T7601-B 	USB EXPANSION MODULE For connecting the KX-T7636 and KX-T7633 telephones to a PC. Required for use with PC Phone KX-TDA350 and PC console KX-TDA0300 software. Included with the module is a 6' USB cable and a CD containing a 90 day free trial KX-TDA350 PC Phone. Max of one USB module per telephone.	5	3.52 lbs.	85046-4
	KX-T7601-B: BLACK VERSION	5	3.52 lbs.	85047-1 Black
KX-T7603 KX-T7603-B 	12 KEY ADD-ON MODULE Attaches to the KX-T7636 and KX-T7633 telephones. <ul style="list-style-type: none"> • Adds an additional 12 CO keys/feature keys. • Only one can be added per telephone. 	3	3.13 lbs.	85048-8
	KX-T7603-B: BLACK VERSION	3	3.13 lbs.	85049-5 Black
KX-T7667 KX-T7667-B 	DIGITAL 12-BUTTON SPEAKERPHONE TELEPHONE WITH 1 LINE BACKLIT LCD DISPLAY 12 Programmable Buttons, 12 CO/Personal/Feature, 10 fixed buttons for (Intercom, Conference, Program, Voice Mail, Pause, Forward / Do Not Disturb, Flash/Recall, Auto Answer/Mute, Auto Dial/Store and Redial) plus 3 large buttons for Hold transfer and speakerphone, Navigation Key for Volume, Display Contrast and Function selection, Headset Jack, Wall Mountable, Available in White (KX-T7667) or Charcoal (KX-T7667-B)	3	7.50 lbs.	51713
 Backlit LCD Display	KX-T7667-B: BLACK VERSION	3	10.1 lbs.	51720 White


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KX-T7625 KX-T7625-B  	DIGITAL 24-BUTTON SPEAKERPHONE <ul style="list-style-type: none"> • 24 programmable CO keys with dual color LEDs • Volume key • Hands-free Speakerphone • Large message/ringing lamp (red/green) • Headset jack • XDP/DXDP Jack for adding another KX-T7600 DPITS or SLT extension 	3	10.1 lbs.	85050-1
	KX-T7625-B: BLACK VERSION	3	10.1 lbs.	Black 85051-8
KX-T7630 KX-T7630-B  	DIGITAL 24-BUTTON SPEAKERPHONE WITH 3 LINE LCD DISPLAY <ul style="list-style-type: none"> • 3-line x 24-character LCD • 24 programmable CO keys with dual color LED • Navigator key • Hands-free Speakerphone • Large message/ringing lamp (red/green) • Headset jack • XDP/DXDP Jack for adding another KX-T7600 DPITS or SLT extension 	3	10.4 lbs.	85052-5
	KX-T7630-B: BLACK VERSION	3	10.4 lbs.	Black 85053-2
KX-T7633 KX-T7633-B   <i>Backlit LCD Display</i>	DIGITAL 24-BUTTON SPEAKERPHONE WITH 3 LINE BACKLIT LCD DISPLAY <ul style="list-style-type: none"> • 3-line x 24-character back-light LCD Display • 24 programmable CO keys with dual color LED • Navigator key • Hands-free speakerphone • Large message/ringing lamp (red/green) • Headset jack • Compatible with optional 12-CO keys interface (KX-T7603). • XDP/DXDP Jack for adding another KX-T7600 DPITS or SLT extension 	3	10.4 lbs.	85054-9
	KX-T7633-B: BLACK VERSION	3	10.4 lbs.	Black 85055-6
KX-T7636 KX-T7636-B   <i>Backlit LCD Display</i>	DIGITAL 24-BUTTON 6 LINE BACKLIT LCD SPEAKERPHONE PROPRIETARY TELEPHONE <ul style="list-style-type: none"> • 6-line x 24-character back-light LCD Display • 24 programmable CO keys with dual color LED • Navigator key • Hands-free speakerphone • Large message/ringing lamp (red/green) • Headset jack • Compatible with optional 12-CO keys interface (KX-T7603). • XDP/DXDP Jack for adding another KX-T7600 DPITS or SLT extension 	3	10.4 lbs.	85056-3
	KX-T7636-B: BLACK VERSION	3	10.4 lbs.	Black 85057-0

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KX-T7640 KX-T7640-B  	DIGITAL DSS CONSOLE (60-DSS) <ul style="list-style-type: none"> • 60 Direct Station Selection (DSS)/Busy Lamp Field (BLF) • Wall mountable • Physically attached to Digital System Telephone by a screw (A DSS Console requires 1 Digital System Telephone extension port) • No restrictions for programmable Flex Keys • For all T7600 series models 	3	7.29 lbs.	85058-7
	KX-T7640-B: BLACK VERSION	3	7.29 lbs.	Black 85059-0
KX-T7700 SERIES ANALOG PROPRIETARY HYBRID SYSTEM TELEPHONES				
KX-T7750 KX-T7750-B 	24-BUTTON MONITOR TELEPHONE <ul style="list-style-type: none"> • 24 Programmable Buttons • 12 CO & 12 Personal/Feature 10 fixed buttons for (Intercom, Conference, Program, Voice Mail, Pause, Forward/Do Not Disturb, Flash/Recall, Auto Answer/Mute, Auto Dial/Store and Redial) • 3 large buttons for Hold, Transfer and Monitor. • Volume Control for Speaker, Ringer and Handset • Headset Jack • Wall Mountable 	3	1.28 lbs.	50136-0
	KX-T7750-B: CHARCOAL/BLACK VERSION	3	1.28 lbs.	Black 50143-0
KX-T7720 KX-T7720-B 	24-BUTTON SPEAKERPHONE TELEPHONE <ul style="list-style-type: none"> • 24 Programmable Buttons • 12 CO & 12 Personal/Feature, 10 fixed buttons for (Intercom, Conference, Program, Voice Mail, Pause, Forward/Do Not Disturb, Flash/Recall, Auto Answer/Mute, Auto Dial/Store and Redial) • 3 large buttons for Hold, Transfer and Speakerphone, Volume Control for Speaker, Ringer and Handset • Headset Jack • Wall Mountable 	3	2.46 lbs.	50051-0
	KX-T7720-B: CHARCOAL/BLACK VERSION	3	2.46 lbs.	Black 50068-0
KX-T7731 KX-T7731-B  <i>Backlit Dial Keypad & LCD Display</i>	24-BUTTON SPEAKERPHONE TELEPHONE WITH BACKLIT DIAL KEYPAD AND 1 LINE BACKLIT LCD DISPLAY <ul style="list-style-type: none"> • 24 Programmable Buttons, 12 CO & 12 Personal/Feature • 10 Fixed Buttons for (Intercom, Conference, Program, Voice Mail, Pause, Forward/Do Not Disturb, Flash/Recall, Auto Answer/Mute, Auto Dial/Store and Redial) Plus 3 Large Buttons for Hold Transfer and Speakerphone • Navigation Key for Volume, Display Contrast and Function Selection, Headset Jack, Wall Mountable 	3	2.56 lbs.	85114-0
	KX-T7731-B: CHARCOAL/BLACK VERSION	3	2.56 lbs.	Black 85115-7
KX-T7740 KX-T7740-B 	48-BUTTON DSS CONSOLE <ul style="list-style-type: none"> • 32 DSS keys w /LED'S • 16 Feature keys wo/LED'S • Wall Mountable 	3	1.28 lbs.	50099-0
	KX-T7740-B: CHARCOAL/BLACK VERSION	3	1.28 lbs.	Black 50105-0

Model Number	Description	Per Master Carton		UPC Code 0-37988-
		Units	Weight	
DOOR PHONES				
KX-T30865-W KX-T30865-B 	STANDARD DOOR PHONE Compatible with all KX-TD Digital Super Hybrid, KX-T, KX-TA Advanced Hybrid, KX-TD500 and KX-TDA Digital Hybrid IP-PBX telephone systems. KX-T30865-B: BLACK VERSION	3 3	1.9 lbs. 1.9 lbs.	50167-0 Black 50179-0
KX-T7765 	DOORPHONE WITH LUMINOUS BUTTON.. Compatible with Panasonic KX-TD, KX-TA, KX-TAW, KX-TDA and KX-TDE systems The button is luminous. It glows for a period of time after exposure to light.	3	3.01 lbs.	85234-5
KX-T7775 	PREMIUM DOORPHONE Compatible with Panasonic KX-TD Digital Super Hybrid, KX-T and KX-TA Advanced Hybrid, KX-TD500 and KX-TDA Digital Hybrid IP PBX systems. Can be surface or recessed mounted in most plastic single gang electrical boxes. Optional decorative metal faceplates KX-A401 and 402 can be installed. Includes doorphone and power adaptor assembly. Offers twice the wiring distance of the standard KX-T30865 doorphone.	3	1.72 lbs.	85122-5
KX-A401 	POLISHED BRASS FACEPLATE Mounts over the face of the KX-T7775 premium doorphone. Includes matching mounting hardware.	3	.25 lbs.	85123-2
KX-A402 	BRUSHED STAINLESS STEEL FACEPLATE Mounts over the face of the KX-T7775 premium doorphone. Includes matching mounting hardware.	3	.25 lbs.	85124-9

KX-TVA VOICE PROCESSING SYSTEM CONTROL UNITS

<p>KX-TVA50</p> 	<p>BASIC CABINET: The KX-TVA50 is a Voice Processing System (VPS) that supports both Voice Mail and Automated Attendant Service. The system can be installed using DPITS, APITS and In-band Integration. The basic cabinet is configured as follows:</p> <ul style="list-style-type: none"> • 2 ports expandable to 6 ports using ether the KX-TVA502 or the KX-TVA503 Cards • 4 hours of storage expandable to 8 hours using the KX-TVA524 • 64 Mailboxes • 1 USB port <p>Major Features</p> <ul style="list-style-type: none"> • Automated Attendant Service • Email Integration • Windows Based PC Programmable (On Site and Remote) • Optional Built-in Remote Modem Card • Proprietary Telephone Voice Mail Menu • Live Call Screening • Intercom Paging • Interview Service • Multi-lingual Voice Prompts • Paging Notification with Call Back Number • Variable playback volume/speed with pause • Two-way record. • Personal Greeting For Caller ID • Caller ID Call Routing and Name Announce 	<p align="center">1</p>	<p align="center">6.91 lbs.</p>	<p align="center">85146-1</p>
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Model Number	Description	Per Master Carton		UPC Code 0-37988-
		Units	Weight	
<p>KX-TVA200</p> 	<p>BASIC CABINET: The KX-TVA200 is a Voice Processing System that supports both Voice Mail and Auto Attendant services. The system can be installed using DPITS. The basic cabinet is initially configured as follows:</p> <ul style="list-style-type: none"> • 4 ports expandable to 24 ports using KX-TVA204 Cards • 1000 hours of Storage • 1024 Mailboxes • USB and RS232 ports <p>Major Features</p> <ul style="list-style-type: none"> • Automated Attendant Service • Email Integration • Windows Based PC Programmable (On Site and Remote) • Optional Built-in Remote Modem Card • Proprietary Telephone Voice Mail Menu • Live Call Screening • Intercom Paging • Interview Service • Multi-lingual Voice Prompts • Paging Notification with Call Back Number • Variable playback volume/speed with pause • Two-way record. • In-band Integration • Personal Greeting For Caller ID • Caller ID Call Routing and Name Announce 	<p align="center">1</p>	<p align="center">12.28 lbs.</p>	<p align="center">85143-0</p>

KX-NCV200 ACD REPORT SERVER VOICE MAIL SYSTEM


Model Number	Description	Per Master Carton		UPC Code 0-37988-
		Units	Weight	
KX-NCV200 	BASIC CABINET: The KX-NCV200 is an ACD Report Server with Voice Mail and Auto Attendant. The basic cabinet is configured as follows: <ul style="list-style-type: none"> • 4 ports expandable to 24 ports using KX-TVA204 Cards • 1000 hours of Storage • 1024 Mailboxes • USB and RS232 ports Features <ul style="list-style-type: none"> • Automated Attendant Service • Email Integration • ACD Monitoring and Reporting Software • Windows Based PC Programmable (On Site and Remote) • Optional Built-in Remote Modem Card • Proprietary Telephone Voice Mail Menu • Live Call Screening • Intercom Paging • Interview Service • Multi-lingual Voice Prompts • Paging Notification with Call Back Number • Variable playback volume/speed with pause • Two-way record • In-band Integration • Personal Greeting For Caller ID • Caller ID Call Routing and Name Announce 	1	8.59 lbs.	851881
KX-TVA50, KX-TVA200 & KX-NCV200 EXPANSION AND FEATURE CARDS				
KX-TVA502	2 PORT DPT/APT/SLT INTERFACE CARD For use with the KX-TVA50 only. Supports DPITS, APITS and In-band integration. Expands the port capacity of the system by 2 ports. A maximum of 2 cards can be installed in the KX-TVA50.	3	0.61 lbs.	85147-8
KX-TVA503	2 PORT DPT INTERFACE CARD For use with the KX-TVA50 only. Supports DPITS integration only. Expands the port capacity of the system by 2 ports. A maximum of 2 cards can be installed in the KX-TVA50.	3	0.61 lbs.	85148-5
KX-TVA524	4 HOUR MEMORY EXPANSION CARD For use with the KX-TVA50 only. Expands the storage capacity of the KX-TVA50 by 4 hours. Maximum of one card can be installed per system.	3	0.28 lbs.	85149-2
KX-TVA594	LAN I/F CARD FOR USE WITH THE KX-TVA50 ONLY Required to connect the KX-TVA50 to a wide or local area network Provides messaging from the TVA system to a subscribers email.	3	0.33 lbs.	85150-8
KX-TVA204	4 PORT DPT INTERFACE CARD For use with the KX-TVA200 only. Supports DPITS integration only. Expands the port capacity of the system by 4 ports. A maximum of 5 cards can be installed in the KX-TVA200 or KX-NCV200.	3	0.75 lbs.	85144-7
KX-TVA296	REMOTE MODEM CARD Modem card for use in the KX-TVA50, KX-TVA200, & KX-NCV200. Required for remote programming and administration. Maximum of one per system.	3	0.36 lbs.	85145-4
MOUNTING HARDWARE FOR KX-TVA AND KX-NCV CONTROL UNITS				
KX-A249	19" RACKMOUNT BRACKET FOR THE KX-TVA50 For mounting the KX-TVA50 into a 19" rack.	3	2.10 lbs.	85160-7
KX-A244X	19" RACKMOUNT BRACKET FOR THE KX-TVA200 & KX-NCV200 For mounting the KX-TVA200 or the KX-NCV200 into a 19" rack.	3	3.85 lbs.	85112-6

CHART #1

SYSTEM CAPACITY		
Initial Configuration	Included Power Supply Unit	
CO Line		
Analog CO Line	4 (with Caller ID)	
Extensions		
Digital Hybrid Port ¹	4	
Maximum Capacity	Included Power Supply Unit	With Additional Power Supply Unit
CO Line	12	12
Analog CO Line	12	12
Voice over IP (H.323)	4	4
Voice over IP (SIP)*	8	8
Extensions	28	56
Analog Phones (Single Line Device)	24	24
KX-DT300 Series (Digital Proprietary)	24 (48 ³)	24 (48 ³)
KX-T7600 Series ² Phones (Digital Proprietary)	24 (48 ³)	24 (48 ³)
Other Digital Phones	4	24
KX-T7700 Series Phones (Analog Proprietary)	4	24
DSS Console	4	4
IP Proprietary Phones / Softphones	4	4
Accessory Capacities		
Maximum Number of Cell Stations	4(8) ⁴	
Maximum Number of Wireless Telephone Handsets	12	
Maximum Number of Doorphone / Door Openers	4/4	
ESVM Maximum Voice Message (Outgoing Message) Channels	2	
Maximum Voice Processing Systems	1-VPS Unit	
BGM (Background Music) ⁵ / MOH (Music On Hold) Inputs	1	
External Paging Outputs	1	
RS232C/SMDR Outputs	1	
USB Connection	1	
Optional Ethernet (10 BaseT) ⁶ Connection for CTI / Programming	1	
<small>*- Expandable to 8 lines with expansion card. 1 - Just plug in either Analog phone (single line device), Analog Proprietary phone or Digital Proprietary phone. Can support up to two KX-series phones plus one Analog phone on each port. 2 - Latest series. 3 - 48 extensions using Digital XDP. 4 - With additional power supply. 5. BGM, External paging, RS232C/SMDR, and USB are standard and included with the basic system. 6. Optional feature. To enable CTI and programming for remote maintenance tool over IP, the KX-TDA5480 4 channel VoIP Gateway Card (IP-GW4) is required.</small>		

CHART #2

FEATURES THAT REQUIRE THE OPTIONAL SD CARD KX-TDA0920 OR KX-TDA5920
Centralized VM
Network ICD group
PS Roaming (using network ICD group)
250 Network DSS keys for 8 PBXs
Common extension numbering plan for two PBXs
ICD group ring with cellular phones
Cellular phone XDP parallel
DISA automatic access by cellular phone
Transfer from cellular phone
ICD group call distribution to longest idle extension
Enhanced CTI Functions

CHART #3

KX-TDA50G MEMORY EXPANSION CARD (MEC) REQUIREMENTS		
The memory expansion card (KX-TDA5105) for the KX-TDA50G is required when the following features are used.		
System Speed Dial above 1000 numbers	Always Required	
Station Speed Dial above 10 numbers	Always Required	
Port Expansion Capacity using DXDP		
	MEC Not Required	MEC Required
KX-TDA50G	Up to 24 ports	***From 25 to 48 Ports

CHART #4

Required Equipment and Maximum Number of Calls			
CSs determine the area covered by the wireless system. The number of calls that can be made simultaneously through each CS varies depending on the model, as follows:			
CS	Connection Port/Card	Maximum Calls	Compatible PSs
KX-T0155	Super Hybrid Port/HLC/DLC Card	2	• KX-TD7685 • KX-TD7695 • KX-TD7696
KX-T0158	Super Hybrid Port/HLC/DLC Card	8	

KX-TVA50, KX-TVA200 & KX-NCV200 FEATURES

System Features	Subscribers Features
Alternate Extension Group	Auto Receipt Conformation
Auto Forwarding	Automatic Log-in (APT/DPT Integration Only)
Automated Attendant	Autoplay New Message
Broadcasting Messages	Bookmark
Busy Coverage Mode	Call Transfer Status
Call Transfer to Outside	Callback Number Entry
Caller ID Call Routing (APT/DPT Integration Only)	Caller ID Callback (DPT Integration Only)
Caller ID Screening (APT/DPT Integration Only)	Calling a Beeper (Pager)
Caller Name Announcement—Personal (APT/DPT Integration Only)	Delete Message Confirmation
Caller Name Announcement—System (APT/DPT Integration Only)	External Message Delivery List
Class of Service (COS)	External Message Delivery Service
Company Greeting	Group Distribution List—Personal
Company Name	Group Distribution List—System
Covering Extension	Incomplete Call Handling Service
Custom Service	Live Call Screening (APT/DPT Integration Only)
Daylight Saving Time Assignment	Mailbox
Dialing by Name	Mailbox Capacity Warning
DID Call Routing (DPT Integration Only)	Message Transfer
E-mail Integration	One-touch Two-way Transfer (DPT Integration Only)
Extension Group	Personal Custom Service
Fax Management	Personal Greeting for Caller ID (APT/DPT Integration Only)
Hold	Personal Greetings
Holiday Service	Playback Volume/Speed Control
Intercom Paging (APT/DPT Integration Only)	Private Message
Interview Service	Receive Message
List All Names	Message Recovery
Logical Extension (All Calls Transfer to Mailbox)	Remote Call Forwarding Set (DPT Integration Only)
Message Delivery, Internal	Subscriber Tutorial
Message Reception Mode	Temporary Personal Greeting
Message Waiting Notification—Device	Timed Reminder Setting (DPT Integration Only)
Message Waiting Notification—Lamp	Toll Saver (APT/DPT Integration Only)
Multilingual Service	Two-way Record (APT/DPT Integration Only)
No Answer Coverage Mode	Two-way Transfer (APT/DPT Integration Only)
On Hold Announcement Menu	Unlimited Message Length
Operator Service	Urgent Message
PIN Call Routing	VM Menu (DPT Integration Only)
Play System Prompt After Personal Greeting	System Setting Features
Port Service	Auto Configuration (APT/DPT Integration Only)
Rotary Telephone Service	Custom Service Builder
Service Access Commands	Default Mailbox Template
Service Groups	Password Administration
SIP Trunking Support	Recording by System Administrator
System Clock	Service Mode
System Prompts	System Backup/Restore
System to System IP Networking Support	System Reports
Time Service (day, night, lunch, and break)	System Security
Trunk Service (Universal Port) (APT/DPT Integration Only)	Time Synchronisation (DPT Integration Only)
Voice Mail Service	
ACD Report Server Features	
ACD Monitor	

KX-NCV200 ACD REPORT SERVER

ACD Monitor

Performance Graphs

Reports

- CO Call Report
- Lost Calls Report
- System Report
- Group Report
- Agent Report

Logs

- Call log
- Agent Log

Agent Log-in

KX-TVA VOICE PROCESSING SYSTEMS MAXIMUM CAPACITIES AND SPECIFICATIONS

		KX-TVA50	KX-TVA200 & KX-NCV200
OPTIONAL CARD CAPACITIES			
KX-TVA502	2-Port Hybrid Expansion Card	2	
KX-TVA524	Memory Expansion Card	1	
KX-TVA594	LAN Interface Card	1	
KX-TVA296	Modem Card	1	1
KX-TVA204	4-Port Digital Expansion Card		6
INITIAL CONFIGURATION AND EXPANSION CAPABILITIES			
No. of Ports	Initial Configuration	2	4
	Maximum	6	24
Recording Time	Initial Configuration	4 hours	1000 hours
	Maximum	8 hours	1000 hours
SPECIFICATIONS			
Custom Services	Up to 100		
Number of Messages	Unlimited up to Memory Storage		
Length of Personal Greeting Message	Up to 360s (programmable)		
Message Retention Time	1 to 30 days, unlimited (programmable)		
Maximum Message Length	1 to 60 minutes, unlimited (programmable)		
Maximum Combined Length of Message per Mailbox	1 to 60 minutes, unlimited(programmable)		
Number of Mailboxes	62 Subscriber+ 2 Manager	1022 Subscriber+ 2 Manager	
Power Source	100 V AC to 240 V AC, 0.25 A, 50 Hz/60 Hz	100 V AC to 240 V AC, 1.5A, 50 Hz/60 Hz	
DC Input	9 V, 0.75 A (6.75 W)	40 V, 1.38 A (55.2 W)	
Dimensions (W _ H _ D)	9 7/8 (W) x 12 3/8 (H) x 2 7/8 (D)	10 7/8 (W) x 14 7/8 (H) x 4 5/8 (D)	
Weight (without optional cards)	No more than 4.41 lbs.	No more than 9.7 lbs.	

WARRANTY DATA – COMPLETE TERMS OF THE WARRANTY ARE SET FORTH ON WARRANTY CARDS PACKED WITH THE PRODUCT AND AVAILABLE FOR THE CUSTOMER'S EXAMINATION FROM THE DEALER PRIOR TO PURCHASE.

LIMITED WARRANTY

- All Panasonic supplied "KX-TDE" Digital Hybrid IP-PBX + components and KX-T7600/KX-NT300 series phones (except KX-TD7680, 90, 94, 84) 2 year Parts and Labor
- All other Panasonic Supplied Hybrid, Digital Hybrid and Voice Processing Components 1 Year Parts and Labor

ALL OF THE ABOVE SUBJECT TO TERMS OF WRITTEN WARRANTY

All shipments F.O.B. from our warehouse.

All Orders subject to our acceptance.

Prices quoted are subject to change without notice.

Units, Weights and Specifications are subject to change.

NO RETURNS without prior approval in writing by our Regional Office.

MINIMUM ORDER QUANTITY POLICY

MINIMUM ORDER QUANTITY APPLIES TO DISTRIBUTION HOUSES AND IS NOT APPLICABLE TO DEALERS.

ALL ORDERS MUST BE IN MASTER CARTON QUANTITY INCREMENTS ONLY!

MINIMUM ORDER QUANTITY OF SIX (6) UNITS FOR ALL PRODUCTS. EXCEPT:

MINIMUM ORDER QUANTITY OF THREE (3) UNITS FOR:
HYBRID TELEPHONE SYSTEM COMPONENTS

NO MINIMUM ORDER QUANTITY FOR:
ACCESSORIES

WHEN PRODUCT CATEGORIES ARE MIXED ON AN ORDER, THE CATEGORY WITH THE HIGHEST MINIMUM WILL DETERMINE THE MINIMUM ORDER QUANTITY FOR THAT

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