

Panasonic®

Local Offices listed on last page

KX-TD500 SYSTEM

EFFECTIVE DATE SEPTEMBER 1, 2000

Supersedes all Previous Price Lists

- **KX-TD500 DIGITAL SUPER HYBRID TELEPHONE SYSTEM**
- **AND**
- **VOICE PROCESSING SYSTEMS**



KX-TD500 Main System Components

Dealers must be KX-TD500 certified to purchase and install a KX-TD500 system. A certified dealer must meet the requirements for certification, successfully complete the KX-TD500 technical training course and be issued a KX-TD500 dealer ID number.

KX-TD500



The KX-TD500 Digital Super Hybrid System has a modular design that allows you to tailor the system to meet your customers current and future needs. The system consists of two types of components, shelves and plug in expansion cards.

There are two shelf types:

The Basic Shelf which has 14 card slots, two of which are dedicated to the Central Processing Unit (CPU) and the Time Switch cards. The 12 remaining are universal card slots.

The second is the Expansion Shelf, which has 14 universal card slots. Up to two expansion shelves can be added to the basic shelf to reach the maximum system capacity of 512 ports. Plug in expansion units are installed in the universal card slots on each shelf. There are several types of plug in expansion cards, each of which is designed to connect to specific type telephones, lines from the telephone company or to add feature to the system. Each expansion card requires a specific quantity of ports in the system. In addition, there is a limit to quantity of cards that can be installed on a shelf or in the system. To assist with the configuration of the KX-TD500 system, please refer to charts 1, 2 and 3 on pages 13 and 14.

Model Number	Description	Units	Weight	UPC Code 0-37988-
KX-TD500	Basic Shelf The basic shelf has 12 universal card slots. 196 ports at maximum configuration. The system is expandable up to 512 ports with the addition of up to 2 (max) KX-TD520. Comes equipped with KX-TD50102 Time Switch Card; KX-TD50104 Conference Card; KX-TD50105 DOHCA Card; and KX-TD50103 Power Supply. The Central Processing Unit (CPU) is not included. The CPU must be purchased separately from Panasonic Services Company National Parts Center. Refer to CPU order procedure on page 15.	1	50.2 lbs.	82572-1
KX-TD520	Expansion Shelf The Expansion Shelf has 14 universal card slots (216 ports at maximum configuration). Comes equipped with a cabinet power supply. A maximum of 2 can be added to the KX-TD500 Basic Shelf.	1	34.1 lbs.	82573-8
KX-TD50101-1	Central Processing Unit (CPU) Card Required with Basic Shelf. Must be purchased from Panasonic Services Company National Parts Center. Refer to CPU Spares Kit order procedure on page 15.	N/A	N/A	N/A
Spares Parts Kit				
KX-TD500 Spares Kit	Spares Kit Includes 1 KX-TD50101-1 CPU Card; 1 KX-TD50102 Time Switch Card; and 1 KX-TD50103 Power Supply. One Spares Kit must be purchased by each KX-TD500 certified dealer when they purchase their first CPU Card (KX-TD50101-1). Must be purchased from Panasonic Services Company National Parts Center. Refer to CPU Spares Kit order procedure on page 15.	N/A	N/A	N/A

Units, Weights and Specifications subject to change.




Model Number	Description	Per Master Carton		UPC Code 0-37988-
		Units	Weight	
KX-TD500 Expansion Cards and Accessories				
Station Cards				
KX-T96170	Hybrid Line Circuit Card (HLC) 8 ports per card. Requires one card slot. Supports analog proprietary, single line and DSS consoles. All ports are equipped with power failure transfer for single line telephones. OHCA will operate on KX-T7130, requires KX-T96136. When KX-T7441 DSS console is connected to this card, the ANSWER and RELEASE will not function.	3	4.7lbs.	82009-2
KX-T96172	Proprietary Line Card (PLC) 8 ports per card. Requires one card slot. Supports analog proprietary telephones and DSS consoles. OHCA will operate on KX-T7130 only, requires KX-T96136. When KX-T7441 DSS console is connected to this card, the ANSWER and RELEASE will not function.	3	3.9 lbs.	82010-8
KX-T96174	Single Line Telephone Circuit Card (SLC) 8 ports per card. Requires one card slot. Supports single line telephones only. All ports are equipped with power failure transfer.	3	4.5 lbs.	82011-5
KX-T96175	Single Line Telephone Circuit Card (SLC-M) 8 ports per card. Requires one card slot. Supports single line telephones with and without message waiting lamps. All ports are equipped with power failure transfer.	3	5.2 lbs.	82022-1
KX-T96185	Off Premise Extension Card (OPX) 4 ports per card. Requires one card slot. Supports single line telephones only. One KX-T96186 Off Premise Extension Power Unit required per card.	3	4.6 lbs.	82015-3
KX-T96186	Off Premise Extension (OPX) Power Unit Required with each KX-T96185	3	5.5 lbs.	82016-0
KX-TD50170	Digital Hybrid Line Card (DHLC) 8 ports per card. Requires one card slot. Supports digital and analog proprietary, single line and DSS console. All ports are equipped with power failure transfer for single line telephones. OHCA will operate on KX-T7235 & KX-T7436 only.	3	4.2 lbs.	82574-5
KX-TD50172	Digital Proprietary ITS Line Card (DLC) 16 ports per card. Supports digital proprietary and DSS console. OHCA will operate on KX-T7235 & KX-T7436 only.	3	3.8 lbs.	82575-2
KX-TD50175	Enlarged Single Line Card with Message Waiting (ESLC) 16 ports per card. Supports single line telephones equipped with message waiting lamps. Ports 1 - 8 are equipped with power failure transfer.	3	4.8 lbs.	82576-9

Units, Weights and Specifications subject to change.






Model Number	Description	Per Master Carton		UPC Code 0-37988-
		Units	Weight	
Trunk Cards				
KX-T96180	Loop Start Central Office Trunk Card (LCOT) 8 ports per card. Each card requires one card slot. All ports have power failure transfer.	3	4.9 lbs.	82012-2
KX-T96181	Ground Start Central Office Trunk Card (GCOT) 8 ports per card. Each card requires one card slot. All ports have power failure transfer.	3	5.0 lbs.	82013-9
KX-T96182	Direct Inward Dialing Card (DID) 4 ports per card. Each card requires one card slot, supports Pulse Service only.	3	4.7 lbs.	82014-6
KX-T96187	T-1 Digital Trunk Card (T-1) 24 ports per card. Each card requires two card slots, Maximum of 3 cards per shelf. Maximum of 8 cards per system (192 DS-O's). Channels assignable as LCO, GCO, DID, OPX or TIE (E&M) Voice Only, an external Channel Service Unit (CSU) required.	1	1.0 lbs.	82023-8
KX-TD50180	Enhanced Loop Start CO Trunk Card (ELCOT) 8 ports per card. Each card requires one card slot. Supports Caller ID service. Caller ID requires the KX-TD193. Two KX-TD193 cards can be mounted on the ELCOT. All ports have power failure transfer.	3	4.8 lbs.	82577-6
KX-TD50290	ISDN Primary Rate Card (PRI) 24 ports per card, 23 B channels 1 D channel. Each card requires two slots. Maximum of 6 cards per system. Supports LCO, GCO, DID, OPX or TIE. Requires an external Digital Service Unit (DSU).	3	3.8 lbs.	82602-5
Resource and Feature Cards				
KX-T96191	Direct Inward System Access Card (DISA) Each card requires one card slot. Maximum of 8 per system.	3	4.1 lbs.	82017-7
KX-T96193	Automatic Gain Control Trunk Card (AGC) Each card requires one card slot. Maximum of 8 per system.	3	3.6 lbs.	82018-4
KX-T96196	* Remote Circuit Card (RMT) Each card requires one card slot. Maximum of 1 per system. Required for remote administration. 300/1200 BPS Modem.	3	3.6 lbs.	82019-1
KX-TD50197	* Enhanced Remote Circuit Card (ERMT) Each card requires one card slot. Maximum of 1 per system. Required for remote administration. V.34 BPS Modem.	3	4.2 lbs.	82589-9
KX-T96136	Off Hook Call Announce Card (OHCA) Required for OHCA feature on the KX-T7130 proprietary telephone. 2 circuits per card. Up to 4 mount on either the KX-T96170 and the KX-T96172 cards.	8	1.0 lbs.	82005-4

Units, Weights and Specifications subject to change.






* Maximum of one Remote Circuit Card per system.

Model Number	Description	Per Master Carton		UPC Code 0-37988-
		Units	Weight	
Resource and Feature Cards (Continued)				
KX-T96161	Door Phone Card (DPH) Each card requires one card slot. Maximum of 2 per system. 4-door phones and 4-door openers per card.	3	3.9 lbs.	82008-5
KX-TD193	Caller ID Card Required to receive caller ID information from the CO. Mounts on the KX-TD50180, ELCOT card. 4 circuits per card. 2 per ELCOT card.	3	1.1 lbs.	81060-4
System Accessories				
KX-A46	Back-Up Battery Unit • Includes Battery Charger, Overdischarge Protector, and Overcurrent Protector • Batteries and Cables not included, One Required per Shelf.	3	6.4 lbs.	80162-6
KX-T30865	Door Intercom Maximum of 8 per system requires the KX-TD96161.	3	1.9 lbs.	81003-1
Proprietary Wireless Telephones				
KX-T7880 	Proprietary Wireless Multi-Line Telephone • Operation Frequency 902-928 Mhz • 30 Channel Auto Scanning • Separate Charging Unit • Dual Mode (SLT or APITS) • 1 Intercom Button and 3 Programmable Line Buttons (APITS Mode) • Talk Button • Auto Button • Transfer Key • Redial Key • Flash Key • Conference/Pause Button • Hold Button • Wall Mountable Base Unit • Includes two KX-A43 NiCad Batteries	3	9.9 lbs.	82519-6
KX-T7885 	Proprietary Wireless Multi-Line Telephone • Operation Frequency 902-928 Mhz • 12 CO Line Capability • 3 Line Multifunction LCD Display • Message Waiting • Caller ID (APITS) • Headset Jack • Programmable Ringing or Vibrator • Dual Mode (SLT or APITS) • 30 Channel Auto Scanning • Separate Charging Unit • Remote Locatable Antenna • One Long Life, Fast Charge Nickel-Metal Hydride Battery Included	3	9.9 lbs.	82591-2
KX-TD7894 	DIGITAL SPREAD SPECTRUM (SST) MULTI-LINE TELEPHONE • 900 Mhz Spread Spectrum Technology (SST) • 2 Modes (APITS and SLT) • 3 Programmable Line/Feature Buttons (APITS Mode) • 25 Channel Auto Scanning • Separate Charging Unit • Separate Wall Mountable Base Antenna • Headset Jack • Programmable Ring or Vibrator • One Nickel Metal Hydride Battery Included	3	TBA	82609-4






Units, Weights and Specifications subject to change.

Model Number	Description	Per Master Carton		UPC Code 0-37988-
		Units	Weight	
Proprietary Wireless Telephones (Continued)				
KX-TD7895 	DIGITAL SPREAD SPECTRUM (SST) MULTI-LINE TELEPHONE with LCD DISPLAY <ul style="list-style-type: none"> • 900 Mhz Spread Spectrum Technology (SST) • 3 Line Multifunction LCD Display • 2 Modes (APITS and SLT) • 12 Programmable Line / Feature Buttons (APITS Mode) • 25 Channel Auto Scanning • Separate Charging Unit • Separate Wall Mountable Base Antenna • Headset Jack • Programmable Ring or Vibrator • One Nickel Metal Hydride Battery Included 	3	TBA	82610-0
KX-A276	3.6 Volt Nickel-Metal Hydride Battery <ul style="list-style-type: none"> • For use with the KX-T7885 	3	0.9 lbs.	82593-6
Digital Super Hybrid System Telephones (7400 Series)				
KX-T7420 	Digital 12 CO-Line Speakerphone <ul style="list-style-type: none"> • 12 Programmable Line Buttons • Jog Dial Control • XDP (Extra Device Port) Jack • Automatic Redial • Whisper OHCA • Hands-Free Answer Back • Redial Key • Speaker Phone Key • Hold Key • Flash Key • Auto Answer/Mute Key • Auto Dial/Store Key • Message Key • Jog Dial Volume Control (Handset, Ring and Speaker) • Intercom Key • Conference Key • Forward/Do Not Disturb (DND) Key • Program Key • Pause Key • Transfer Key <p style="text-align: center;">KX-T7420-B Black Version</p>	3	9.1 lbs.	82553-0 Black 82560-8
KX-T7425 	Digital 24 CO-Line Speakerphone <ul style="list-style-type: none"> • 24 Programmable Line Buttons • Jog Dial Control • XDP (Extra Device Port) Jack • Automatic Redial • Whisper OHCA • Hands-Free Answer Back • Redial Key • Speaker Phone Key • Hold Key • Flash Key • Auto Answer/Mute Key • Auto Dial/Store Key • Message Key • Jog Dial Volume Control (Handset, Ring and Speaker) • Intercom Key • Conference Key • Forward/Do Not Disturb (DND) Key • Program Key • Pause Key • Transfer Key <p style="text-align: center;">KX-T7425-B Black Version</p>	3	9.1 lbs.	82554-7 Black 82561-5
KX-T7431 	Digital 12 CO-Line Display/Speakerphone (1 Line Display) <ul style="list-style-type: none"> • 12 Programmable Line Buttons • 1 Line LCD Display • Jog Dial Control • Alpha-dialing with Jog Dial • XDP (Extra Device Port) Jack • Automatic Redial • Whisper OHCA • Hands-Free Answer Back • Redial Key • Speaker Phone Key • Hold Key • Flash Key • Auto Answer/Mute Key • Auto Dial/Store Key • Message Key • Jog Dial Volume Control (Handset, Ring and Speaker) • Intercom Key • Conference Key • Forward/Do Not Disturb (DND) Key • Program Key • Pause Key • Transfer Key <p style="text-align: center;">KX-T7431-B Black Version</p>	3	9.2 lbs.	82555-4 Black 82562-2
KX-T7433 	Digital 24 CO-Line Display/Speakerphone (3 Line Display) <ul style="list-style-type: none"> • 24 Programmable Line Buttons • 3 Line LCD Display • Jog Dial Control • Alpha-dialing with Jog Dial • XDP (Extra Device Port) Jack • Automatic Redial • Whisper OHCA • Hands-Free Answer Back • Redial Key • Speaker Phone Key • Hold Key • Flash Key • Auto Answer/Mute Key • Auto Dial/Store Key • Message Key • Jog Dial Volume Control (Handset, Ring and Speaker) • Intercom Key • Conference Key • Forward/Do Not Disturb (DND) Key • Program Key • Pause Key • Transfer Key <p style="text-align: center;">KX-T7433-B Black Version</p>	3	9.7 lbs.	82556-1 Black 82563-9




Units, Weights and Specifications subject to change.

Model Number	Description	Per Master Carton		UPC Code 0-37988-
		Units	Weight	
Digital Super Hybrid System Telephones (7400 Series) (Continued)				
KX-T7436 	Digital 24 CO-Line Speakerphone/Executive Display (6 Line Display) <ul style="list-style-type: none"> • 24 Programmable Line Buttons • 6 Line LCD Display • Jog Dial Control • Alpha-dialing with Jog Dial • XDP (Extra Device Port) Jack • Automatic Redial • Whisper OHCA • OHCA • Hands-Free Answer Back • Redial Key • Speaker Phone Key • Hold Key • Flash Key • Auto Answer/Mute Key • Auto Dial/Store Key • Message Key • Jog Dial Volume Control (Handset, Ring and Speaker) • Intercom Key • Conference Key • Forward/Do Not Disturb (DND) Key • Program Key • Pause Key • Transfer Key <p style="text-align: center;">KX-T7436-B Black Version</p>	3	10.2 lbs.	82557-8 Black 82564-6
KX-T7440 	Digital DSS/BLF Console <ul style="list-style-type: none"> • 66 DSS/BLF Keys <p style="text-align: center;">KX-T7440-B Black Version</p>	3	5.4 lbs.	82558-5 Black 82565-3
KX-T7441 	Digital DSS/BLF Console with Answer/Transfer Keys <ul style="list-style-type: none"> • 48 DSS/BLF Keys • Answer Key Release Key <p style="text-align: center;">KX-T7441-B Black Version</p>	3	5.4 lbs.	82559-2 Black 82566-0
Hybrid System Telephones (7000 Series)				
KX-T7055 	3 CO-Line Monitor Telephone <ul style="list-style-type: none"> • Three Programmable Line Buttons • Automatic Redial • 3 One Touch Dial Keys • On Hook Dialing • Hold Key • Flash Key • Redial Key • Conf. Key • Transfer Key • Message Waiting (Programmable) • Individual Volume Controls for Speaker, Ringer, Handset 	3	7.0 lbs.	81030-7
KX-T7050 KX-T7050-B 	12 CO-Line Monitor Telephone <ul style="list-style-type: none"> • Twelve Programmable Line Buttons • Automatic Redial • 4 One Touch Dial Keys • On Hook Dialing • Hold Key • Flash Key • Redial Key • Conf. Key • Transfer Key • Message Waiting Key/Lamp • Individual Volume Controls for Speaker, Ringer, Handset <p style="text-align: center;">KX-T7050-B Black Version</p>	3	7.0 lbs.	81032-1 Black 81033-8

Units, Weights and Specifications subject to change.


Model Number	Description	Per Master Carton		UPC Code 0-37988-
		Units	Weight	
Hybrid System Telephones (7000 Series) (Continued)				
KX-T7020 KX-T7020-B 	12 CO-Line Speakerphone Telephone <ul style="list-style-type: none"> • Twelve Programmable Line Buttons • Automatic Redial • 4 One Touch Dial Keys • Built-in Speakerphone • HF Answer Back • Mute Key • Hold Key • Flash Key • Redial Key • Conf. Key • Transfer Key • FWD/DND Key • Auto-Answer Key • Message Waiting Key/Lamp • Individual Volume Controls for Speaker, Ringer and Handset <p style="text-align: center;">KX-T7020-B Black version</p>	3	7.0 lbs.	81034-5 Black 81035-2
KX-T7030 KX-T7030-B 	12 CO-Line Speakerphone Telephone w/LCD <ul style="list-style-type: none"> • Twelve Programmable Line Buttons • Automatic Redial • 4 One Touch Dial Keys • Built-in Speakerphone • HF Answer Back • Mute Key • Hold Key • Flash Key • Redial Key • Conf. Key • Transfer Key • FWD/DND Key • Auto-Answer Key • Message Waiting Key/Lamp • LCD (16 Digit, Alphanumeric) • Individual Volume Controls for Speaker, Ringer, Handset • Headset/Handset Control Switch • Caller ID <p style="text-align: center;">KX-T7030-B Black version</p>	3	7.3 lbs.	81036-9 Black 81037-6
KX-T7130 KX-T7130-B 	12 CO-Line Speakerphone Telephone w/LCD (Large) <ul style="list-style-type: none"> • Twelve Programmable Line Buttons • Automatic Redial • 12 One Touch Dial Keys • Built-in Speakerphone • HF Answer Back • Mute Key • Hold Key • Flash Key • Redial Key • Conf. Key • Transfer Key • FWD/DND Key • Auto-Answer Key • Message Waiting Key/Lamp • OHVA w/Hands Free Answer Back • LCD (16 Digit, Large Character, Alphanumeric) • Individual Volume Controls for Speaker, Ringer and Handset • Headset/Handset Control Switch • Save Key • Off-hook voice announce • Caller ID <p style="text-align: center;">KX-T7130-B Black version</p>	3	7.9 lbs.	81040-6 Black 81041-3
KX-T7135 KX-T7135-B  Backlit LCD Display	12 CO-Line Speakerphone Telephone w/Backlit LCD (Large) <ul style="list-style-type: none"> • Twelve Programmable Line Buttons • Automatic Redial • 12 One Touch Dial Keys • Built-in Speakerphone • HF Answer Back • Mute Key • Hold Key • Flash Key • Redial Key • Conf. Key • Transfer Key • FWD/DND Key • Auto-Answer Key • Message Waiting Key/Lamp • OHVA w/Hands Free Answer Back • Backlit LCD (16 Digit, Large Character, Alphanumeric) • Individual Volume Controls for Speaker, Ringer and Handset • Headset/Handset Control Switch • Save Key • Off-hook voice announce • Caller ID <p style="text-align: center;">KX-T7135-B Black version</p>	3		82603-2 Black 82604-9
KX-T7040 KX-T7040-B 	DSS/BLF Console <ul style="list-style-type: none"> • 32 DSS/BLF Keys • 16 One Touch Keys or Feature Access Keys <p style="text-align: center;">KX-T7040-B Black version</p>	3	4.5 lbs.	81038-3 Black 81039-0

Units, Weights and Specifications subject to change.

Model Number	Description	Per Master Carton		UPC Code 0-37988-
		Units	Weight	
VOICE PROCESSING SYSTEMS				
KX-TVS50 	Basic Cabinet • Configured for 2 ports, 2 hours voice storage, expandable to 4 hours storage with the addition of the optional KX-TVS52 Memory Expansion Card Features: Automated Attendant Service, Live Call Screening*, Remote Live Call Screening*, Voice Mail Service (32 mailboxes max.), Custom Service Scripts, Interview Service (10 questions/mailbox), Multi-lingual Voice Prompts, Paging Notification with Callback Number, Automatic Fax Call Transfer, In-band Integration, Quick Setup, Remote and On-Site Administration, (External Modem Required for Remote Administration)	1	4.4 lbs.	82594-3
KX-TVS75 	Basic Cabinet • Configured for 2 ports, 6 hours voice storage • Non-expandable Features: Automated Attendant Service, Live Call Screening*, Remote Live Call Screening*, Voice Mail Service (64 mailboxes max.), Intercom Paging*, Custom Service Scripts, Interview Service (10 questions/mailbox), Multi-lingual Voice Prompts, Paging Notification with Callback Number, Automatic Fax Call Transfer, In-band Integration, Quick Setup, Remote and On-Site Administration, (External Modem Required for Remote Administration)	1	6.6 lbs.	82506-6
KX-TVS100 	Basic Cabinet • Configured for 2 ports, 18 hours voice storage • Expandable to 4 ports with the addition of the KX-TVS102 Features: Automated Attendant Service, Live Call Screening*, Remote Live Call Screening*, Voice Mail Service (64 mailboxes max.), Intercom Paging*, Custom Service Scripts, Interview Service (10 questions/mailbox), Multi-lingual Voice Prompts, Paging Notification with Callback Number, Automatic Fax Call Transfer, In-band Integration, Quick Setup, Remote and On-Site Administration, (External Modem Required for Remote Administration)	1	16.5 lbs.	82505-9

Units, Weights and Specifications subject to change.

* Only with DPITS integration

Model Number	Description	Per Master Carton		UPC Code 0-37988-
		Units	Weight	
VOICE PROCESSING SYSTEMS (Continued)				
KX-TVS200 	Basic Cabinet • Configured for 0 ports, 32 hours voice storage <ul style="list-style-type: none"> • 3 expansion card slots for either KX-TVS204 or KX-TVS102 expansion cards • Expandable to maximum 12 ports with addition of 3 KX-TVS204's • Refer to KX-TVS Voice Processing Chart on page 11. Features: Automated Attendant Service, Live Call Screening*, Remote Live Call Screening*, Voice Mail Service (1024 mailboxes max.), Intercom Paging*, Custom Service Scripts, Interview Service (10 questions/mailbox), Multi-lingual Voice Prompts, Paging Notification with Callback Number, Automatic Fax Call Transfer, In-band Integration, Quick Setup, Remote and On-Site Administration (External Modem Required for Remote Administration)	1	16.5 lbs.	82529-5
VOICE PROCESSING EXPANSION UNITS				
KX-TVS52	Memory Expansion Card <ul style="list-style-type: none"> • Adds 2 hours memory storage to the KX-TVS50 • A maximum of one KX-TVS52 can be installed in the KX-TVS50 	3	0.6 lbs.	82595-0
KX-TVS102 <i>(For KX-TVS100 and KX-TVS200)</i>	Extension/Line Interface Unit <ul style="list-style-type: none"> • Two port interface circuit card. Provides for connection of two analog extensions/lines (single line telephone extension or Loop Start CO) or one Panasonic Digital Super Hybrid system extension (effectively two extensions). (Up to 1 can be installed in the KX-TVS100 and 3 in the KX-TVS200) 	1	2.5 lbs.	82508-0
KX-TVS204 <i>(For KX-TVS200 Only)</i>	Extension/Line Interface Unit <ul style="list-style-type: none"> • 4 port digital integration card for installation in the KX-TVS200 <u>only</u>. The KX-TVS204 allows 2 KX-TD data pairs to be connected providing 4 digitally integrated ports. (A maximum of 3 KX-TVS204 cards can be installed in the KX-TVS200) 	1	0.2 lbs.	82530-1

Units, Weights and Specifications subject to change.

* Only with DPITS Integration

KX-TVS50, KX-TVS75, KX-TVS100 AND KX-TVS200 FEATURES

<p>Mailbox Services</p> <p>Greeting, After Hours Greeting, Busy Greeting, No answer Internal message delivery Mailbox name Mailbox password Message delivery status Message reception mode Message, Erase Message, Fast Forward Message, Pause Message, Playback Message, Repeat Message, Rewind Message, Scan Message, Skip New message notification Play previous message Private messages Reply to subscriber(s) Time and date stamp Transfer message with comments Transfer message without comments</p> <p>System Features</p> <p>All calls transferred to mailbox Alternate extension transfer sequence Auto message move/copy Broadcast message</p>	<p>System Features (Cont)</p> <p>Call blocking Call screening Call transfer status Callback number entry Class of service Coverage mode, Busy Coverage mode, No answer Covering extensions Day/night service Daylight saving time assignment Department dialing Dial by name Direct mailbox access (DPITS only) External message delivery External message delivery status Fax management Fax transfer Group distribution lists, Personal Group distribution lists, System Groups mailbox Hold call Holiday service Intercom paging notification (DPITS only) Live call screening (DPITS only) Mailbox, General Delivery Mailbox, Guest Mailbox, Interview Mailbox, Message Manager Mailbox, Subscriber</p>	<p>System Features (Cont)</p> <p>Mailbox, System Manager Message waiting notification, Continuous Message waiting notification, Lamp Message waiting notification, Outdial Message waiting notification, Pager Message waiting notification, Scheduled Multiple company greetings Operator service, Day/Night Recordable system prompts Rotary telephone service Service access commands Service, Automated Attendant Service, Custom Service, Interview Service, Voice Mail System clock System prompts after personal greeting System reports Two-way record (DPITS only) * Two-way transfer (DPITS only) *</p> <p>System Administration</p> <p>Auto configuration (DPITS only) Integration, Digital Integration, In-band PC-based programming Quick setup System manager administration Utility Commands</p>
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* Available in KX-TVS200, KX-TVS100 and KX-TVS75 only

Voice Processing Specifications

Model	Ports	Storage	Mailboxes	Messages per Mailbox
KX-TVS50	2	2 Expandable to 4	32	100
KX-TVS75	2	6 hours	64	100
KX-TVS100	2 - 4	18 hours	64	100
KX-TVS200	0 - 12	32 hours	1024	100

KX-TVS Voice Processing Port Configuration Chart

System	Ports	Expansion Cards Required	
		KX-TVS204	KX-TVS102
KX-TVS50	Not Expandable		
KX-TVS75	Not Expandable		
KX-TVS100	4 Ports (APITS, DPITS)		1
KX-TVS200	2 Ports (APITS, DPITS)		1
KX-TVS200	4 Ports (APITS, DPITS)		2
KX-TVS200	4 Ports (DPITS only)	1	
KX-TVS200	6 Ports (DPITS only)	1	1
KX-TVS200	6 Ports (APITS, DPITS)		3
KX-TVS200	8 Ports (DPITS only)	2	
KX-TVS200	10 Ports (DPITS only)	2	1
KX-TVS200	12 Ports (DPITS only)	3	

Units, Weights and Specifications subject to change.

KX-TD500 DIGITAL SUPER HYBRID TELEPHONE SYSTEMS FEATURE LIST

- Absent Message Capability
- Account Code Entry
- Alternate Calling
- Answer and Release Buttons Operation
- Answering Direct Trunk
- Auto Hands-Free Dialing
- Automatic Callback Busy (Camp On)
- Automatic Configuration
- Automatic Hold
- Automatic Route Selection (ARS)
- Automatic Station Release
- Back Ground Music (BGM)
- Bilingual Displays
- Busy Lamp Field
- Busy Station Signaling (BSS)
- Call Forwarding, All Calls
- Call Forwarding, Busy
- Call Forwarding, Busy/No Answer
- Call Forwarding, Follow Me
- Call Forwarding, No Answer
- Call Forwarding, To CO or TIE Line
- Call Hold
- Call Log
- Call Park
- Call Pickup
- Call Splitting
- Call Transfer
- Call Transfer, Screened
- Call Transfer, Unscreened
- Call Waiting
- Caller ID Service
- Calling Party Control (CPC) Signal Detection
- Class of Service (COS)
- Conference (6 Party)¹
- Conference, Unattended
- Confirmation Tones
- Consultation Hold
- Data Line Security
- Delayed Ringing
- Dial Tones, Distinctive
- Dial Type Selection
- Direct in Line (DIL)
- DIL 1: N Group
- Direct Inward Dialing (DID)
- Direct Inward System Access (DISA)
- Direct Station Selection (DSS)
- Directed Call Pickup
- Do Not Disturb (DND)
- Do Not Disturb (DND) Override
- Door Opener
- Doorphone Call
- DSS Console
- Electronic Station Lockout
- Emergency Call
- End-to-End DTMF Signaling
- Exclusive Hold
- Executive Busy Override
- External Feature Access
- Extra Device Port (XDP)
- Flash
- Flexible Button
- Flexible Numbering
- Floating Station
- Group Call Pickup
- Group CO Button
- Handset/Headset Selection
- Handset Microphone Mute (7400 Series PT only)
- Handsfree Answerback
- Handsfree Operation
- Hold Recall
- Host PBX Access
- Inter Office Calling
- Intercept Routing
- ISDN PRI¹
- Last Number Redial
- LED Indication
- Line Preference
- Live Call Screening (LCS)
- Local Alarm
- Lockout
- Log-In/Log-Out
- Manager Extension
- Message Waiting
- Microphone Mute
- Mixed Station Capabilities
- Music on Hold
- Night Service
- Off-Hook Call Announcement (OHCA)
- Off-Hook Monitor (7400 Series PT only)
- Off Premise Extension (OPX)
- One-Touch Dialing
- One-Touch Transfer
- Operator Call
- Outgoing Message (OGM)
- OGM Group
- Paging
- Paralleled Telephone
- Pause Insertion, Automatic
- PDN Call
- Phantom Extensions
- Pickup Dialing (Hot Line)
- Power Failure Restart
- Power Failure Transfer
- Privacy, Automatic
- Quick Dialing
- Redial
- Released Link Operation
- Remote Station Lock Control
- Ringing, Delayed
- Ringing, Discriminating
- Ringing Tone Selection
- Ringing Transfer (DN Type PT only)
- TAPI Compliant¹
- Saved Number Redial
- Secret Dialing
- Speed Dialing Station
- Speed Dialing System
- Station Hunting
- Station Message Detail Recording (SMDR)
- TIE Lines
- Time-Out, Variable
- Timed Reminder (Wake-Up Call)
- Toll Restriction
- Traffic Measurement
- Trunk Access
- Trunk Answer From Any Station (TAFAS)
- T-1
- User Programming
- Volume Control
- VPS Integration
- Walking COS
- Walking Station
- Whisper Off-Hook Call Announcement (WOHCA)

Units, Weights and Specifications subject to change.

¹ Requires KX-TD500-1 software.

Chart #1			
KX-TD500 SYSTEM AND SHELF MAXIMUM CAPACITIES			
Item	System	Basic Shelf	Expansion Shelf
Maximum Number of Universal Card Slots	40	12	14
Maximum Number of Proprietary Extension + Single Line Extensions + CO Lines Combined	512	192	216
Maximum Number of Proprietary Extension + Single Line Extensions Combined	448	192	192
Maximum Number of Proprietary Extensions	348	128	128
Maximum Number of CO Lines	192	-	-

Chart #2					
EXPANSION CARDS and ACCESSORIES PORT REQUIREMENTS					
Model Number	Card Name	Number of Ports per Card			
		CO Line	Extension		Others
			SLT	PITS	
KX-T96161	Door Phone Card (DPH)	-	-	-	4
KX-T96170	Hybrid Line Circuit Card (HLC)	-	-	8	-
KX-T96172	Proprietary Line Card (PLC)	-	-	8	-
KX-T96174	Single Line Telephone Circuit Card (SLC)	-	8	-	-
KX-T96175	Single Line Telephone Circuit Card (SLC-M)	-	8	-	-
KX-T96180	Loop Start Central Office Trunk Card (LCOT)	8	-	-	-
KX-T96181	Automatic Gain Control Trunk Card (AGC)	8	-	-	-
KX-T96182	Direct Inward Dialing Card (DID)	4	-	-	-
KX-T96185	Off Premise Extension Card (OPX)	-	4	-	-
KX-T96187	T-1 Digital Trunk Card (T-1)	*24	-	-	-
KX-TD50170	Digital Hybrid Line Card (DHLC)	-	8	8	-
KX-TD50172	Digital Proprietary ITS Line Card (DLC)	-	-	16	-
KX-TD50175	Enlarged Single Line Card with Message (ESLC)	-	16	-	-
KX-TD50180	Enhanced Loop Start CO Trunk Card (ELCOT)	8	-	-	-
KX-TD50240	Primary Rate ISDN Card (PRI)	23	-	-	-

* One-line as T-1, 24 channels as digital channels

Chart #3				
EXPANSION CARDS and ACCESSORIES MAXIMUM NUMBER of CARDS per SYSTEM				
	Item	Maximum Card Number		
		System	Basic Shelf	Expansion Shelf
1	DISA Card	8	-	-
2	AGC Card	8	-	-
3	RMT Card	1	-	-
4	T-1 Card	8	3	3
5	DPH Card	2	-	-
6	PRI	6	3	3

A T-1 Card must be installed in Free Slot 01, 05 or 09 on Main Control Shelf and Expansion Shelf.

Chart #4																								
STATION CARD/TELEPHONE COMPATIBILITY																								
	SLT	SLT w/MW	KX-T30865	KX-T7020	KX-T7050, T7055	KX-T7030	KX-T7130, T7135	KX-T7040	KX-T7220	KX-T7230	KX-T7235	KX-T7250	KX-T7240	KX-T7420	KX-T7425	KX-T7431	KX-T7433	KX-T7436	KX-T7440	KX-T7441	KX-T7880	KX-T7885	KX-TD7894, TD7895	KX-TD7890
Hybrid Line Circuit Card (HLC)	X		X	X	X	X	X											X	X	X	X	X	X	
Proprietary Line Card (PLC)	X		X	X	X	X	X											X	X	X	X	X		
Single Line Telephone Circuit Card (SLC)	X																			X	X	X	X	
Single Line Telephone Circuit Card (SLC-M)	X	X																		X	X	X	X	
Off Premise Extension Card(OPX)	X																			X	X	X	X	
Digital Hybrid Line Card (DHLC)	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Digital Proprietary ITS Line Card (DLC)							X	X	X	X	X	X	X	X	X	X	X	X	X					
Enlarged Single Line Card with Message Waiting (ESLC)	X	X																		X	X	X	X	
Door Phone Card (DPH)			X																					

- Power Source: AC 120V 60Hz
- Wiring: Two pair for Proprietary Telephones
One pair for Industry Standard Telephones
- FCC Registration No. ACJJPN18958-MF-E
- Ringer Equivalence No. 0.4B
- Facility Interface Code 02LS2,02GS2,02RV2-T,OL13C,
04DU9-BN/1KN/1SN
- Service Order Code 9.0F, AS.2, 6.0P
- Required Network Interface Jack RJ21X,RJ11,RJ48C

KX-TD500 CPU Policy & Ordering Procedure

The KX-TD500 Basic Shelf does not include the CPU (KX-TD50101-1). The CPU (KX-TD50101-1) is required for the system to operate. The CPU can be purchased from Panasonic Services Company, National Parts Center in Kent, Washington only. To purchase a CPU, you must be a KX-TD500 certified dealer. To be a certified dealer, you must successfully complete the KX-TD500 technical training course and have a KX-TD500 certification number. CPU sales are limited to one CPU (KX-TD50101-1) for each Basic Shelf (KX-TD500).

In addition, each KX-TD500 dealer is required to purchase a Spares Kit with the purchase of the first CPU. The spares kit includes the following models:

- 1 KX-TD50101-1 CPU Card
- 1 KX-TD50102 Time Switch Card
- 1 KX-TD50103 Power Supply

Spares Kits purchases are limited to one Spares Kit per dealer.

Ordering Procedure:

1. Purchase a Basic Shelf (KX-TD500) from an authorized Panasonic distributor.
2. Complete the KX-TD500 Panasonic CPU and Spares Kit order form. Be sure and complete **ALL** the information, including your unique KX-TD500 dealership ID, in sections 1 through 5. Please print legibly and use dark ink. This will speed up the processing of your order.
3. Fax the completed order form to the NPC order desk (1-800-237-9080), along with the invoice you received from your authorized Panasonic distributor. The distributor invoice must clearly show the Basic Shelf model number (KX-TD500), the distributor name, your dealership name, date of purchase and an invoice number.

We will attempt to ship all orders received prior to 1:00 PM PST the next day. We will attempt to ship all priority shipments the same day if the order is received prior to 2:00 PM. Shipping costs are not included in the cost of the CPU or Spares Kit.

Panasonic
KX-TD500 CPU & SPARES KIT
ORDER FORM

TO: NPC ORDER DESK (1-800-237-9080)

ATTN: Wanda Connors

IMPORTANT

You must purchase a KX-TD500 spares kit with the purchase of your first CPU. One spares kit purchase permitted per dealer. Only one CPU purchase permitted with the purchase of each KX-TD500 Basic Shelf.

Instructions to order a KX-TD500 CPU or Spares Kit:

1. Complete **all** information on this form. Items 1 through 5
2. Attach a copy of the invoice you received from your Panasonic distributor that clearly shows your dealership's name and address, distributor name and address, the Basic Shelf, model number (KX-TD500), quantity, and date of purchase.
3. Shipping cost not included in CPU or SPARES KIT costs.
4. Fax to 1-800-237-9080.

1. FROM YOUR DEALERSHIP NAME: _____

STREET: _____

CITY: _____ STATE: _____ ZIP CODE: _____

RETURN FAX #: _____ PHONE #: _____ DATE: _____

DEALERSHIP ID (9 Digits): _____ CONTACT NAME: _____

2. SHIP-TO ADDRESS NAME: _____

STREET ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

3. PURCHASED FROM DISTRIBUTORS NAME: _____

STREET: _____ CITY: _____ STATE: _____ ZIP: _____

KX-TD500 SERIAL NUMBER: _____ DATE OF PURCHASE: _____

4. METHOD OF PAYMENT PASC ACCOUNT VISA MASTER AMEX DISCOVER

PASC ACCOUNT OR CREDIT CARD NUMBER: _____ EXPIRATION DATE __/__/__

5. METHOD OF SHIPMENT

UPS Ground UPS Blue UPS Red Other _____

Part Number	Price	QTY	PO #
KX-TD50101-1 CPU Card UG-KX-TD500 User Guide	\$700.00	1	
SPARES KIT	\$1795		

CUSTOMER CONTROL #:

(TO BE FILLED IN BY NPC STAFF)

NPC USE:

Keyed By: _____ Faxed Date: _____

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 Hybrid Telephone System Components – 1 Year Parts and Labor

ALL OF THE ABOVE SUBJECT TO TERMS OF WRITTEN WARRANTY

All shipments F.O.B. 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.

For warranty service, please send product, including detailed description of problem, to the CSD Repair Center listed below.

CSD Service Centers

Panasonic Service Center
2221 Cabot Boulevard West
Suite B
Langhorne, PA 19047
Phone: (215) 741-0679
Fax: (215) 741-0521

Panasonic Service Center
8655 Roswell Road
Suite 200
Atlanta, GA 30350
Phone: (770) 518-6469
Fax: (770) 552-1521

Panasonic Service Center
6550 Katella Avenue
Cypress, CA 90630
Phone: (714) 373-7425
Fax: (714) 894-8534

MINIMUM ORDER QUANTITY POLICY

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 ORDER.

Panasonic®

Panasonic Consumer Electronics Company
Division of Matsushita Electric Corporation of America

Executive Offices:

One Panasonic Way, Secaucus, New Jersey 07094

Panasonic Company East • 6749 Baymeadow Drive, Glen Burnie, Maryland 21060 • (410) 761-1900
Northeast Sales Office • 50 Meadowlands Parkway, Secaucus, New Jersey 07094 • (201) 348-7000
Central & Southeast Sales Office • 6749 Baymeadow Drive, Glen Burnie, Maryland 21060 • (410) 761-1900

Panasonic Company Central • 1707 North Randall Road, Elgin, Illinois 60123 • (847) 468-4200

Panasonic Company West • 6550 Katella Avenue, Cypress, California 90630 • (714) 373-7200
San Francisco Sales Office • 5870 Stoneridge Drive, Suite 3, Pleasanton, California 94588 • (925) 416-5100
Seattle Sales Office • 14220 Interurban Avenue South, Suite 130, Seattle, Washington 98168 • (206) 246-2383
Hawaii Sales Office • 99-859 Iwaiwa Street, Aiea, Hawaii 96701 • (808) 488-7779

Panasonic Customer Call Center

9 am - 9 pm (EST) 7 days a week
1-800-211-PANA
consumerproducts@panasonic.com

www.panasonic.com/csd

Internet Keyword: **Panasonic KX-TD500**