

KX-TDA50G Hybrid IP-PBX Phone System

5 Competitive Advantages

- Multi-Cell Wireless Integration (figure 1). Our DECT 6.0 wireless phones let you take the benefits of your phone system with you anywhere in the building. Support for 8 cell stations and 28 handsets.
- **NEW:** KX-WT125/126 entry-level DECT wireless models. Check line status at a glance; One-touch calling directly from standby mode; Simplified menu navigation.
- Built-in caller ID capability. Support for SIP Trunking helps reduce communication costs.
- Enhanced Simplified Voice Message card includes messaging, auto attendant, voicemail and high quality music recording with max 256 messages, 120 min.- recording and/or Integration with Professional Voice Mail System
- IP capability: supports up to 4 IP phones, softphone for remote users, and remote maintenance



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 Phones (Digital Proprietary)	24(48 ³)	24(48 ³)
KX-T7600 Series ² Phones (Digital Proprietary)	24(48 ³)	24(48 ³)

*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.

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	28	
Maximum Number of Doorphones / Door Openers	4/4	
ESVM Maximum Voice Message (Outgoing Message) Channels	2	
Maximum Voice Messages (Enhanced Simple Voicemail)	4	
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	

Multi-Cell Wireless DECT Support

The benefits of your phone system can now "follow" you wherever you are on your premises with digitally enhanced wireless telephony. This system provides seamless communications by handing off the call from one cell station to the next—up to 8 total. An A405 repeater can nearly triple cell station range.

Figure 1

Wireless Extra Device Port (XDP)

Link a wireless DECT phone with your desk extension so both phones ring simultaneously. With this quick and easy feature you can use the same extension number for both handsets and switch between them during a call.












Figure 2

Cellular Extra Device Port (XDP)

Link your cellular phone with your office phone so both ring simultaneously. Your office phone can be your one phone number that seamlessly connects your cell phone.

Figure 3

[†]Requires PRI or SIP trunk

Phone Type	New Digital Proprietary Phones				IP Proprietary Phones			Wireless Phones (DECT 6.0)				
Hybrid IP-PBX Phone System	KX-DT346	KX-DT343	KX-DT333	KX-DT321	KX-NT346	KX-NT343	KX-NT321	KX-TD7695	KX-TD7685	KX-TD7696	KX-WT125/126	
												
	Display (LCD) Lines/Characters	6/24	3/24		1/16	6/24	3/24	1/16	Compact	Standard	Ruggedized	Entry
	LCD Backlit	Yes	-		Yes	Yes			Yes			
	Headset Jack	Yes				Yes			Yes			
	Message Waiting LED	Yes				Yes			Yes (Display)			
	Speakerphone	Digital Duplex			Yes	Digital Duplex		Yes	Digital Duplex			
	Personal Speed Dial	100				100			100			
	Alphanumeric Directory Search	Yes				Yes			Yes			
	Call Log (Incoming)	100				10 (100 Max)			10 (100 Max)			
Call Log (Outgoing)	5 (100 Max)				5 (100 Max)			5 (100 Max)				
Function Button	24		8		24		8	Yes*				
Interface for CTI (3rd party)	USB		-		PC LAN Port			-				
Add on Key Module/ DSS Console	Yes/Yes		-		Yes/-		-	-				
Bluetooth Module	Yes		-		Yes		-	-				
Digital Extra Device Port	Yes		-		-			Wireless XDP				
Navigation Key	Yes				Yes			Yes				
Ringer Tone/Melody	30		8		30		10	15 + Vibration		15 + Vibration**		
Wall Mounting	Yes				Yes			Yes (Charger)				
Color	Black/White				Black/White			Silver		Black		
IP54 (Splash & Dust Resistant)	-				-			-		Yes	-	

* Soft buttons on LCD ** KX-WT126 only

Additional Compatible Phones in the Line-Up

IP Proprietary Phones and IP Softphone:

- KX-NT265** IP Telephone with 8 Buttons, 1-Line Backlit LCD and Speakerphone
- KX-NT136** IP Telephone with 24 Buttons, 6-Line Backlit LCD and Speakerphone
- KX-TDA0350** IP Software Phone (Softphone)

Advanced Digital Proprietary Phones:

- KX-T7625** Digital Telephone and Speakerphone
- KX-T7630** Digital Telephone with 24 Buttons, 3-Line LCD and Speakerphone
- KX-T7633** Digital Telephone with 24 Buttons, 3-Line Backlit LCD and Speakerphone
- KX-T7636** Digital Telephone with 24 Buttons, 6-Line Backlit LCD and Speakerphone
- KX-T7667** Digital Telephone with 12 Buttons, 1-Line LCD and Speakerphone

The KX-TDA50G is backwards compatible with 7200 and 7400 series phones.

Analog Proprietary Phones:

- KX-T7750** Analog Telephone with 24 Buttons
- KX-T7720** Analog Telephone with 24 Buttons and Speakerphone
- KX-T7731** Analog Telephone with 24 Buttons, 1-Line Backlit LCD and Speakerphone
- KX-T7736** Analog Telephone with 24 Buttons, 3-Line Backlit LCD and Speakerphone
- KX-T7737** Analog Telephone with 24 Buttons, 3-Line Backlit LCD, Speakerphone and Talking Caller ID



KX-TVA50 Voice Mail System

By adding a KX-TVA series voice processing system, calls can be easily managed by using the built-in automated attendant service, voice mail with email integration, and more.

- 2 to 6 Ports and 64 Mailboxes
- 4-8 Hour System Recording Time
- E-message (email integration): Send .wav file by e-mail
- Telephone LCD Voice Mail Menu
- Custom 1-Digit Access Service
- Live Call Screening (LCS)
- Two-Way Recording
- Two-Way Transfer