KX-TDA50G

Hybrid IP-PBX Phone System

5 Competitive Advantages

- ■ **NEW:** Built in caller ID capability. Support for SIP Trunking helps reduce communication costs
- ■ **Multi-Cell Wireless Integration with 8 Cell Stations and 28 Handsets**
  NEW: Experience greater clarity, security and reduced interference with our latest line of **DECT 6.0** wireless phones (Figure 1)
- ■ **Wireless Extra Device Port (XDP) – Never miss important calls** (Figure 2)
- ■ **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 (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	28
Maximum Number of Doorphone / Door Openers	4/4
ESVM Maximum Voice Message (Outgoing Message) Channels	2
Maximum Voice Processing Sytems	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

★ - 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.

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.
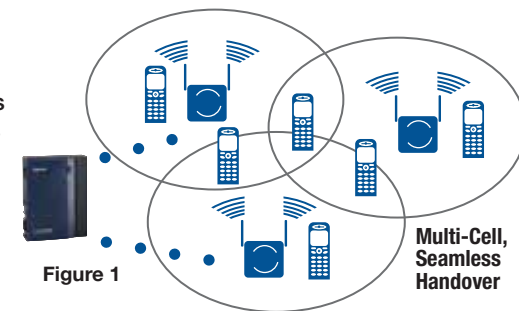
Figure 1

Multi-Cell, Seamless Handover

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

Panasonic ideas for life

Phone Type	New Digital Proprietary Phones				IP Proprietary Phone			Wireless Phones (DECT 6.0)		
KX-TDA50G **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
								Compact	Standard	Ruggedized
Display (LCD) Lines/Characters	6/24	3/24	3/24	1/16	6/24	3/24	1/16	6/16	6/16	6/16
LCD Backlit	Yes	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Headset Jack	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Message Waiting LED	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes (Display)	Yes (Display)	Yes (Display)
Speakerphone	Digital Duplex	Digital Duplex	Digital Duplex	Yes	Digital Duplex	Digital Duplex	Yes	Digital Duplex	Digital Duplex	Digital Duplex
Personal Speed Dial	100	100	100	100	100	100	100	100	100	100
Alphanumeric Directory Search	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Call Log (Incoming)	100	100	100	100	10 (100 Max)	10 (100 Max)	10 (100 Max)	10(100 max)	10(100 max)	10(100 max)
Call Log (Outgoing)	5 (100 Max)	5 (100 Max)	5 (100 Max)	5 (100 Max)	5 (100 Max)	5 (100 Max)	5 (100 Max)	5 (100 Max)	5 (100 Max)	5 (100 Max)
Function Button	24	24	24	8	24	24	8	Yes*	Yes*	Yes*
Interface for CTI (3rd party)	USB	USB	-	-	PC LAN Port	PC LAN Port	PC LAN Port	-	-	-
Add on Key Module/DSS Console	Yes/Yes	Yes/Yes	-/-	-/-	Yes/-	Yes/-	-/-	-/-	-/-	-/-
Bluetooth Module	Yes	Yes	-	-	Yes	Yes	-	-	-	-
Digital Extra Device Port	Yes	Yes	Yes	-	-	-	-	Wireless XDP	Wireless XDP	Wireless XDP
Navigation Key	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ringer Tone/Melody	30	30	30	8	30	30	10	15+ Vibration	15+ Vibration	15+ Vibration
Wall Mounting	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes (Charger)	Yes (Charger)	Yes (Charger)
Color	Black	Black	Black	Black	Black/White	Black/White	Black/White	Silver	Silver	Black
IP54 (Splash & Dust Resistant)	-	-	-	-	-	-	-	-	-	Yes

*Soft buttons on LCD.

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 with 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

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 (e-mail 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

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

Panasonic ideas for life