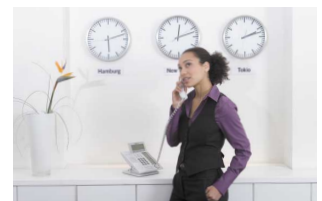# Panasonic
ideas for life

KX-TDE600
Pure IP-PBX

Full IP and Expandable Office Communication System

The Panasonic KX-TDE600 builds on the "Pure IP PBX" converged model as in KX-TDE100 / 200.

As an advanced communication platforms for IP networking Environments, Supporting network as well as desktop SIP connectivity, the convergence ready KX-TDE products support a range of advanced IP telephones as well as digital extensions and ISDN trunks. Built as a business application environment and bundled with important business telephony applications – the KX-TDE systems can easily address your business communication needs well into the 21st Century.

Targeting Medium to Large businesses, single site or multiple offices, the TDE600 is a welcome member to the family to support customer needs.

System Capacity

			Basic System	2 Shelf System	3 Shelf System	4 Shelf System (Max)
Extensions	Max Extension Port (DPT and SLT and IP Extension)	Without DXDP	368	608	848	992
		With DXDP	432	736	1008	1152
	Physical Extension Cards					
	Single Line (a/b) Telephone (SLT)		240	480	720	960
	Digital Proprietary Telephone (DPT) Type 1 (Note 1, Note 4)	With DXDP	256	512	640	640
	Digital Proprietary Telephone (DPT) Type 2		128	256	384	512
	IP Proprietary Telephone (IPT)		160	320	480	640
	Analogue Proprietary Telephone (APT)		80	160	240	320
	Direct Station Select (DSS) Console		64	64	64	64
	Voice Processing System (VPS)		8	8	8	8
	Virtual Extension Cards					
	SIP Extension		128	128	128	128
	IP Proprietary Telephone (IPPT)		64	64	64	64
Trunks	Trunk Port		192	352	512	640
	Physical Trunk Cards					
	ISDN Trunk	BRI	160	320	480	640
		PRI	150	300	450	600
	Analogue Trunk		160	320	480	640
	IP-Gateway		160	320	480	640
	Virtual Trunk Cards					
	SIP Trunk		32	32	32	32
Wireless	Portable Station (PS)*1		512	512	512	512
	Cell Station (CS)		32	64	96	128
Doorphone Port			16	32	48	64
Door Opener			16	32	48	64
External Sensor			16	32	48	64
External Relay			16	32	48	64
USB Module			160	320	480	640

*1 Optional MEC is not required

Option list for TDE600

	Model No.	Description
Cabinet	KX-TDE600	Main Shelf
	KX-TDE620	Expansion Shelf
Power Supply Units (PSUs)	KX-TDA0103	L-Type Power Supply Unit
	KX-TDA0104	M-Type Power Supply Unit
Main Processing card	KX-TDE6101	Main Processing card
IPCMPR Option Cards	KX-TDE0110	16-Channel VoIP DSP Card
	KX-TDE0111	64-Channel VoIP DSP Card
	KX-TDA0196	Remote Card
Activation Key Cards	KX-NCS4104	4-Channel IP Trunk Activation Key
	KX-NCS4208	8-Channel IP Softphone/IP Proprietary Telephone Activation Key
	KX-NCS4508	8-Channel IP Proprietary Telephone Activation Key
	KX-NCS4716	16-Channel SIP Extension Activation Key
	KX-NCS4950	Feature Enhancement
Physical Trunk Cards	KX-TDA0184	8-Port E & M Trunk Card
	KX-TDA0187	T-1 Trunk Card
	KX-TDA0188	E-1 Trunk Card
	KX-TDA0189	8-Port Caller ID/Pay Tone Card
	KX-TDA0193	8-Port Caller ID Card
	KX-TDA0284	4-Port BRI Card
	KX-TDA0288	8-Port BRI Card
	KX-TDA0290CE/CJ	PRI Card (PRI30)
	KX-TDA0484	4-Channel VoIP Gateway Card
	KX-TDA0490	16-Channel VoIP Gateway Card
	KX-TDA6181	16-Port Analogue Trunk Card
Physical Extension Cards	KX-TDA0170	8-Port Digital Hybrid Extension Card
	KX-TDA0171	8-Port Digital Extension Card
	KX-TDA0172	16-Port Digital Extension Card
	KX-TDA0173	8-Port Single Line Telephone Extension Card
	KX-TDA0177	16-Port Single Line Telephone Extension Card
	KX-TDA0470	16-Channel VoIP Extension Card
	KX-TDA6174	16-Port Single Line Telephone Extension Card
	KX-TDA6175	16-Port Single Line Telephone Extension with Message Lamp Card
	KX-TDA6178	24-Port Single Line Telephone Extension with Caller ID
Other Physical Cards	KX-TDA0144	8 Cell Station Interface Card (CSIF8)
	KX-TDA0161	4-Port Doorphone Card
	KX-TDA0162	2-Port Doorphone Card (German Type)
	KX-TDA0164	4-Port External Input/Output Card
	KX-TDA0168	Extension Caller ID Card
	KX-TDA0190	Optional 3-Slot Base Card
	KX-TDA0191	4-Channel Message Card
	KX-TDA0192	2-Channel Simplified Voice Message card
	KX-TDA0194	4-Channel Simplified Voice Message card
	KX-TDA6166	16-Channel Echo Canceller Card
Inter Connection	KX-TDA6110	Bus Master Card
	KX-TDA6111	Bus Master Expansion Card
Additional Accessories	KX-TDA6201	Mounting Kit for expanding to a 3- or 4- shelf System
Cell Stations	Basic CSs	KX-TDA0141CE	2-Channel Cell Station Unit Using a DHLC/DLC Card for DECT Portable Station
		KX-TDA0142CE	4-Channel Cell Station Unit Using a CSIF Card for DECT Portable Station
	High Density CSs	KX-TDA0158	8-Channel High-density Cell Station Unit Using a DHLC/DLC Card for DECT Portable Station
Doorphone	KX-T7765	
Telephones	KX-NT300Series	KX-NT366/346/343 Option KX-NT305/303 and NT307
	KX-DT300Series	KX-DT346/343/333 Option KX-DT301/NT303 and NT307
	KX-T76Series	KX-T7636/33/30/25/65/67/68 and Option T7640 ,T7603 and T7601
	KX-T77Series	KX-T7735/30/50/20 and Option T7740

Line-up :
KX-TDE600 and the optional Expansion Shelf KX-TDE620(Max3)

The new KX-TDE600 IP PBXs are packed with features and applications that can enhance your business productivity and have a direct impact on your business communication bottom line. Some of the key benefits include:

- ● Support small to large communication system.
- ● Integrated SIP telephony via ITSPs* and other SIP trunk Providers.
- ● Built-in support for Advanced IP extensions as well as standard SIP phones.
- ● IP Phones and Soft phones for Remote Workers and Road Warriors.
- ● Desktop, Network, & Business Application Integration.
- ● Business Productivity with Wireless Mobility Solutions.
- ● Easy Migration (Upgrade from Hybrid TDA to Pure IP TDE PBX).
- ● Built-in Voice Mail - with option to upgrade using KX-TVM50, TVM200.
- ● Reduced Total Cost of Ownership (Installation & Network call costs reduced)
- ● Centralized Management & Upgrades.

Enhance your business with an integrated SIP solution designed to meet your ever changing needs - with wireless mobility, productivity applications, network solutions and a common infrastructure that supports companies with distributed and geographically diverse office locations and helps connect all your users with customers wherever they may be.

* ITSP : Internet Telephony Service Providers

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