

KX-TDE100/200 SYSTEM SPECIFICATIONS

Control Bus		Original bus (16-bit, 8 MHz, 10 megabytes per second)	
Communication Bus		H, 100 bus conformity (1024 time slots)	
Switching		Non-blocking	
Power Input	PSU-M	100 V AC to 130 V AC, 2.5 A/200 V AC to 240 V AC, 1.4 A, 50 Hz/60 Hz	
	PSU-L	100 V AC to 130 V AC, 5.1 A/200 V AC to 240 V AC, 2.55 A, 50 Hz/60 Hz	
	PSU-S	100 V AC to 130 V AC, 1.4 A/200 V AC to 240 V AC, 0.8 A, 50 Hz/60 Hz	
External Battery		+36 V DC (+12 V DC x 3, recommended maximum capacity per shelf is 28 Ah)	
Memory Backup Duration		7 Years	
Dialing	Trunk	Dial Pulse (DP) 10 pps, 20 pps Tone (DTMF) Dialing	
	Extension	Dial Pulse (DP) 10 pps, 20 pps Tone (DTMF) Dialing	
Operating Environment	Temperature	0°C to 40°C	
	Humidity	10% to 90% (non-condensing)	
Conference Call Trunk (per shelf)		From 10 x 3-party conference call to 4 x 8-party conference call	
Music on Hold (MOH)		2 ports (Level Control: -11 dB to +11 dB in 1 dB steps) MOH1: External Music Source Port MOH2: Selectable Internal/External Music Source port	
Paging	Internal	Level Control: -15 dB to +6 dB in 3 dB steps	
	External	2 ports (Volume Control: -15 dB to +15 dB in 1 dB steps)	
Serial Interface Port	RS-232C	1 (maximum 115.2 kbps)	
	RJ45	2	
Extension Connection Cable		SLT	1-pair wire (T, R)
		DPT	1-pair wire (D1, D2) or 2-pair wire (T, R, D1, D2)
		APT	2-pair wire (T, R, D1, D2)
		PT-interface CS	1-pair wire (D1, D2)
		DSS Console and Add-on Key Module	1-pair wire (D1, D2)
Dimensions (H x W x D)	TDE100	13-1/3" x 15-3/4" x 10-3/4"	
	TDE200	17-1/4" x 16-3/4" x 10-7/8"	
Weight (when fully mounted)	TDE100	Under 26.4 lbs.	
	TDE200	Under 35.2 lbs.	
Minimum Number of Extension Instruments per Line		1 for PT or SLT 2 by Parallel or eXtra Device Port connection of an APT/DPT and an SLT 3 by Digital eXtra Device Port connection of 2 DPTs and an SLT	

KX-TDE100/200 SYSTEM CONFIGURATIONS

		KX-TDE100	KX-TDE200
MAXIMUM CO LINES			
	Maximum CO Lines	128	256
	Maximum Analog COs	96	128
	Maximum VoIP (H.323) trunks	32	32
	Maximum VoIP (SIP) trunks	32	32
MAXIMUM TERMINAL EQUIPMENT			
	Maximum Total Extensions	128	256
	Maximum Analog Proprietary Extensions	24	64
	Maximum Single Line Telephones	96	128
	Maximum Digital Proprietary Extensions	128 (DT300, T7600 series)	256 (DT300, T7600 series)
	Maximum IP Proprietary Phone Extensions	160	160
	Maximum SIP Extensions	128	128
	Voice Processing System (VPS)	2	2
	Multi-Cell Wireless Compatible	Yes	Yes
	Maximum Cell Stations	32	32
	Maximum High-Density Cell Stations	16	16
	Maximum Portable Handsets	128	128
	Direct Station Select (DSS) Consoles	8	8

Panasonic Communications Company of North America

Executive Offices:
Three Panasonic Way, Secaucus, NJ 07094
(201) 348-7000

www.panasonic.com/ecs

Panasonic Customer Service

9 am - 9 pm (EST) Mon. through Fri.
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1-800-211-PANA

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