

Panasonic
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KX-TDA

Specifications

Hybrid IP PBX System KX-TDA15/KX-TDA30/KX-TDA100/KX-TDA200/KX-TDA600

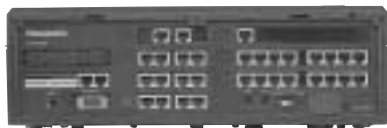
The Hybrid IP-PBX Offers the Ultimate Voice and Data Solution.

Central Control Units

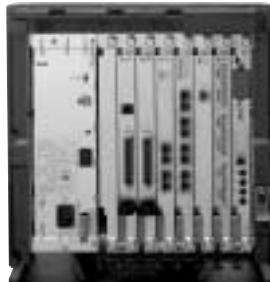
CCU's can be fitted inside 19" rack



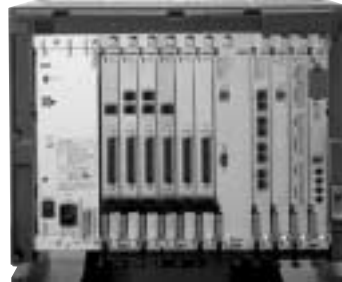
KX-TDA15



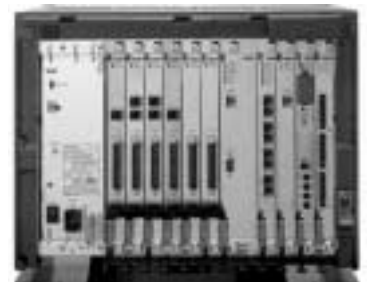
KX-TDA30



KX-TDA100



KX-TDA200



KX-TDA600

Digital Proprietary Telephones



KX-NT136

- IP Handset
- Full duplex speakerphone, 6-Line Back-lit display and 24-Line Keys.



KX-T7636

- Full duplex speakerphone, 6-Line Back-lit display and 24-Line Keys
- Optional 12-Line Keys and USB port* are available.



KX-T7633

- Full duplex speakerphone, 3-Line Back-lit display and 24-Line Keys
- Optional 12-Line Keys and USB port* are available.



KX-T7630

- Full duplex speakerphone, 3-Line Display and 24-Line Keys



KX-T7665

- Speakerphone, 1-Line LCD and 8 line keys



KX-T7640

- Digital DSS Console
- 60 DSS



KX-T7603

- Add on module
- 12 line keys

*USB Module Card (KX-T7601) can be built into the DPT. Black models are also available.

Digital Proprietary Telephones

- KX-T7436
- KX-T7433
- KX-T7431
- KX-T7425
- KX-T7420
- KX-T7250
- KX-T7235
- KX-T7230
- KX-T7220

Analogue Proprietary Telephones

- KX-T7750
- KX-T7050
- KX-T7720
- KX-T7020
- KX-T7730
- KX-T7130

Proprietary Equipment

- DSS Console
- KX-T7441
 - KX-T7440
 - KX-T7740
 - KX-T7240
 - KX-T7040

Single Line Telephones

- KX-TS85EW
- KX-T7310
- KX-T7315
- KX-T7710

DECT Equipment

- Cell Station
- KX-TDA0142CE
 - KX-TDA0141CE

DECT Handsets

- KX-TCA255
- KX-TD7590
- KX-TCA155
- KX-TD7580

Other Equipment

- KX-T30865 (Doorphone)
- Headsets for handsets
- USB for KX-T7633&36



19" Rack Mounting kits available

Maximum System Capacity

		KX-TDA15	KX-TDA30	KX-TDA100	KX-TDA200	KX-TDA600
Extensions	Extensions	20	52*	128*	256*	1008*
	Single Line Telephone	12	24	64	128	640
	Proprietary Telephone	16	48*	128*	256*	1008*
	IP Handsets	0	0	64	128	640
Trunks	Trunk Port	8	12	64	128	640
	Analogue Lines	2	12	64	128	640
	E&M	N/A	N/A	32	64	320
	E1	N/A	N/A	2(60ch)	4(120ch)	600
	BRI (ISDN2)	4(8ch)	6(12ch)	32(64ch)	64(128ch)	640
	PRI(30B) (ISDN30)	N/A	N/A	2(60ch)	4(120ch)	600
	IP-GW card/ch	1(4ch)	1(4ch)	2(16ch)/(32ch)	4(16ch)/(64ch)	640
DECT	Cell Stations	2	8	16	32	128
	DECT Handsets	28	28	128	128	512*
Power Consumption (Average)		55W	55W	156W	295W	295W per cabinet
Dimensions (H x W x D)		275 x 376 x 117mm	275 x 376 x 117mm	390 x 334 x 270mm	414 x 430 x 270mm	414 x 430 x 270mm
Weight		3.5kg	3.5kg	12kg	16kg	16kg per cabinet

KX-TDA15 / KX-TDA30 / KX-TDA100 / KX-TDA200 / KX-TDA600

System	Tenant	8
	Class of Service	64
	Trunk Group	64
	Extension Group	32
	Paging Group	KX-TDA 15/30/100/200 = 32, KX-TDA600 = 96
	Call Pickup Group	KX-TDA 15/30/100/200 = 64, KX-TDA600 = 96
	Incoming Call Distribution Group	KX-TDA 15/30/100/200 = 64 (32 extensions/group), KX-TDA600 = 128 (128 extensions/group)
	VM (Digital / Analogue Integration) Group	KX-TDA15/30 1 unit x 8 ch, KX-TDA100/200 2 units x 24 ch, KX-TDA600 8 units x 24 ch
	VM (DTMF) Group	KX-TDA15/30 2 groups x 24ch, KX-TDA100/200 2 groups x 32ch, KX-TDA600 8 groups x 32ch
	Queuing Time Table	KX-TDA15/30/100/200 = 64 (16 steps / table), KX-TDA600 = 128 (16 steps / table)
	Idle Extension Hunting Group	KX-TDA15/30/100/200 = 64 (16 extensions / table), KX-TDA600 = 128 (128 extensions/table)
	Absent Message (System / Extension)	8 message x 16 digits / 1 message x 16 digits
	Message Waiting	KX-TDA15/30 = 128, KX-TDA100/200 = 256, KX-TDA600 = 1672
	Extension Number Digit	1-4
	Call Park Area	100
	Conference	KX-TDA15/30/100/200 = 3x10 - 8x3, KX-TDA600 = 3x10 - 8x4 per shelf
	Verified Code	4 x 1000
	Verified Code's Password	10 digits (1000 entries)
	Host PBX Access Code	10 digits (10 entries / Trunk Group)
	DDI/DID Table	32 digits (1000 entries)
	Dialling	Emergency Call
Quick Dialling		KX-TDA15/30/100/200 = 1-4 digits (80 entries), KX-TDA600 = 1-4 digits (1000 entries)*
System Speed Dialling		32 digits (8000 entries)*
Personal Speed Dialling		32 digits (100 entry / extension)*
One-Touch Dialling		32 digits
Hot Line		32 digits
Redial		32 digits
ARS	Routing Plan	KX-TDA15/30/100/200 = 16, KX-TDA600 = 49
	Leading Digits	16 digits (1000 entries)
	Leading Digit Exception	200 entries
	ARS Carrier	10
	Itemised Billing Code	10 digits
Networking	Authorisation Code	10 digits
	TIE Routing Table	32 entries
	Leading Digits	3 digits
Call Barring	PBX Code	7 digits
	Call Barring Level	7
Special Carrier Code	Call Barring Denied Code	16 digits (100 entries/level)
	Call Barring Exception Code	16 digits (100 entries/level)
Charge Management	Charge Rate	5 digits
	Charge Denomination	3 characters
Call Log	Outgoing Call Log	0-100 log / Extension
	Incoming Call Log	0-100 log / Extension
Password	System Password (Administrator)	4-10 digits
	System Password (End User)	4-10 digits
	Manager Password	4-10 digits
	Personal Password	0-10 digits
Power Failure	Backup	Several hours with optional batteries
Call Logging	Detail recording	Date, Time, Extension Number, CO Line Number, Dialed Number, Call Duration, Ring Time, Charge Fee, Account Code, Condition RC, AN, NATR FW
Safety Certification		UL, CSA, TÜV-GS, CE

* Available with memory expansion card

Design and specifications are subject to change without notice.

Table shows maximum system capacity. Systems should always be configured with advice from a Panasonic Telephone Systems Dealer.

Features List

System Features

- ARS/LCR
- Automatic ISDN Setting (BRI)
- Background Music (BGM)
- Budget Management
- Busy on Busy
- CTI
- Call Barring
- Call Logging
- Call Park with Indication
- Call Pickup Groups
- Calling Line Identification Distribution (CLI)
- Centralised Operator/BLF***
- Class of Service (COS)
- Data Line Security
- Delayed Ringing
- Direct In Lines (DIL)
- Direct Inward Dialling (DID)
- Direct Inward System Access (DISA)
- Door-Phone / Door Opener
- Echo Cancellation
- Electronic Lock
- Emergency Call
- Existing APT / DPT Compatibility
- Extension Groups
- External BGM
- External Sensor / Relay Control
- Flexible Numbering Plan (5-digit)
- Floating Extension
- Greeting Message
- Host PBX Access Code
- Hotel Features
- Hunting Groups
- Hurry-Up Transfer
- Intercept Routing - Busy/DND
- Intercept Routing - No Answer
- Intercept to Trunk
- Manager Functions
- MPR, Card / CS Software Download
- Multiple Language Support
- Online Diagnostics
- Operator Functions
- PC Console / PC Phone
- PC Programming
- Paging Groups
- Quick Setup
- Remote Alarm Notification
- Remote Extension Status Control through DISA
- Remote Extension Lock
- Ring Groups
- Special Carrier Access
- System Memory Expansion
- Tenant Service
- Timed Reminder
- Time Service (Day / Night / Lunch / Break)
- Trunk Groups
- Uniform Call Distribution (UCD)
- VIP-Call
- Visual Caller ID

<Voice Mail (VM) Features>

- Automatic Configuration - Quick Setup
- Call Forwarding to VM
- Caller's Identification Notification to VM
- Intercept Routing to VM
- LCD Menu Display on key phones**
- Live Call Screening (LCS)
- Remote PBX Data Control by VM
- VM Data Control by PBX
- VM Transfer Recall (VM Queuing Function)
- VM (Digital / DTMF) Integration
- VM Groups
- VM Transfer

Extension Features DXDP

- Absent Message
- Account Code Entry (Forced)
- Automatic Redial
- Boss - Secretary
- Call Forwarding (All Calls, Busy, Busy/No Answer, No Answer, Follow Me, From Incoming Group)
- Call Hold
- Call Pickup (Directed, Group, DSS, Deny)
- Call Transfer (Screened, Unscreened, One-Touch Transfer, Transfer Recall)
- Caller ID for SLT's
- Calling Party Control (CPC) Signal for SLT (Extension CPC)
- Conference (Party Conference, Multi Party Conference, Unattended Conference)
- Dial Type Selection
- Digital eXtra Device Port (XDP) (2DPTs in One Extension Port)
- Direct One-Touch Answering
- Do Not Disturb (DND)
- DSS Console
- Executive Busy Override
- Extension Directory
- Extension-to-Trunk Line Call Duration Time
- External Feature Access
- Flexible Buttons
- Full Duplex SP-phone
- Hands-free Operation
- Handset/Headset Selection
- Log-In/Log-Out
- Message Waiting
- Multi-Lingual Display
- Multiple Hop Call Forwarding (4 steps)
- Music on Hold
- Off-Hook Call Announcement (OHCA)
- Off-Hook Monitor
- One-Touch Dialling
- Paging (Deny, Paging Transfer, Forced Paging, Emergency Paging with Message)
- Paralleled Telephone (APT/DPT+SLT, DPT/SLT+PS)
- Redial, Last Number
- Remote Station Control

- Special Carrier Access
- Speed Dialling - Personal/System
- Text Messaging***
- Time and Date Display
- Tone-Pulse Conversion
- Trunk Answer from Any Station (TAFAS)
- Walking COS
- Whisper OHCA (Off-Hook Call Announcement)
- Wrap-Up
- eXtra Device Port (XDP)

<DECT Features>

- Automatic Handover
- Headset Compatibility
- Incoming & Outgoing Call Log
- Vibrator Ring
- Wireless XDP Parallel Mode
- DPT Cell Station

ISDN Service Features

- 3 Party Conference
- Advice Of Charge (AOC)
- Calling Line Identification Restriction (CLIR)
- Calling Line Identification Presentation (CLIP)
- Connected Line Identification Presentation (COLP)
- Connected Line Identification Restriction (COLR)
- Direct Dialling Inward (DDI)
- ISDN Call Forward (CFU/CFNR/CFB)
- ISDN Call Transfer (CT)
- ISDN Extension
- Malicious Call Identification (MCID)
- Multiple Subscriber Numbers (MSN)

Networking Features

- Alternated Routing
- ARS with VoIP
- Closed Numbering
- DISA Call to the Network
- Private Network to Public Network
- Public Network to Private Network
- QSIG Connection
- Tandem Connection
- Transfer to Network PBX
- VPN
- VoIP Network (Built-in IP-GW)

** Requires KXT7636 / KXNT136

*** Requires KXTDA0920X

Panasonic

Panasonic recommend that a site survey is considered for DECT applications. The design and specification of the products is constantly changing in the interest of improvement. Whilst every care is taken in preparing this brochure some changes may occur after publication. Please check with your Panasonic dealer for details.

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