

KX-TDA15

Hybrid IP PBX System

The KX-TDA15 is a Hybrid communication solution designed for small business to provide intelligent call handling, and is ideal for up to 20 users, equipped with digital, wireless, mobile and IP telephone support, with connectivity of Digital and IP Network Trunks and a family of business applications and voicemail.



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Characteristics

Terminal Equipment Loop Limit	PT: KX-T7600 series: 90 Ω ; all other DPTs/APTs: 40 Ω ; SLT: 600 Ω including set; Doorphone: 20 Ω ; CS: 65 Ω
Minimum Leakage Resistance	15000 Ω maximum
Maximum Number of Extension Instruments per Line	1 for PT or SLT; 2 by Parallel or eXtra Device Port connection of a PT and an SLT; 3 by Digital eXtra Device Port connection of two DPTs and an SLT
Ring Voltage	75 Vrms at 20 Hz/25 Hz depending on the Ringing Load
Trunk Loop Limit	1600 Ω maximum
Hookswitch Flash Recall Timing Range	24 ms to 2032 ms
BRI Cards Internal ISDN Mode	Supply Voltage: 40 V; Power Supply: 4.5 W per 1 line, 5 W per 2 lines; Power Supply Method: Phantom Power Supply
Door Opener Current Limit	24 V DC/30 V AC, 1 A maximum

General Data

Switching	Non Blocking
Maximum Power Failure Tolerance	300 ms
Memory Backup Duration	7 years

Dialling

Trunk	Dial Pulse (DP) 10 pps, 20 pps; Tone (DTMF) Dialing
Extension	Dial Pulse (DP) 10 pps, 20 pps; Tone (DTMF) Dialing

Mode Conversion	DP-DTMF, DTMF-DP
Ring Frequency	20 Hz/25 Hz (selectable)
Trunk Loop Limit	1600 Ω maximum

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)	1 port (Level Control: -11 dB to +11 dB in 1 dB steps); Selectable Tone/ External Music Source port

Paging

Internal	Level Control: -15 dB to +6 dB in 3 dB steps
External	1 port (Volume Control: -15 dB to +15 dB in 1 dB steps)

Serial Interface Port

RS-232C	1 (max 115.2 kbps)
USB	1

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)
DSS Console and Add-on Key Module	1-pair wire (D1, D2)

Dimension [mm]

Width	275.0
Height	376.0
Depth	117.0
Weight (when fully mounted)	Under 3.5 kg (7.72 lb)