

KX-TDA30
Hybrid IP PBX System

The KX-TDA30 is a Hybrid communication solution designed for small business to provide intelligent call handling, and is ideal for up to 50 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

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

Dialling

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

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

Operating Environment

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|--|---|
| 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

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|-----------------|---|
| 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

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

Extension Connection Cable

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|--|--|
| 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) |