Panasonic

CONNECTING YOUR BUSINESS WITH TOMORROW

KX-TD612E

The ISDN2 system for the small office

The KX-TD612E. ISDN to your desk and control at your fingertips…

Multi function
Alpha numeric LCD providing simple key access to:
- Incoming callers name and number (CLI required)
- Call log – last 128 incoming outgoing calls can be recalled and redialled (CLI required)
- Alpha tagging of exchange lines
- Call duration
- Message Waiting, Absent Messages, Feature Set
- Calling Extension Name

Menu screen prompts
- System/personal speed dials/user selected functions
- Extension lists
- Feature access
- System guidance

Red and green lamp status
- Visual indication of lines or extensions showing line and/or extension status ie. held, busy, free, etc

Handsfree speech/ on hook dialling
- Integrated speaker permits receipt of paging announcements as well as handsfree working

Auto dial
- Maximum of 500 pre-programmed system speed dial numbers
- Automatic redial

Message lamp
- For internal message indication

Auto answer
- Handsfree answering of intercom calls

Jog control
- Easy to use jog control
- Adjust handset, speaker ringer volume
- Adjust LCD contrast
- Search through speed dial
- Search through menu options

Other handset features
- 10 personal speed dial numbers
- Headset compatible
- Wall mountable
- XDP

A full range of handsets are available in both black and white

KX-T7420

KX-T7425

KX-T7431

KX-T7433

KX-T7436

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KX-T7436

Voice processing capability

There is a choice of Panasonic voice processing solutions which can be integrated with the KX-TD612E, through the installation of a Voice Mail Card or one of our voice processing models.

Voice processing is an important part of any telephone system. It ensures all calls are answered promptly and none are lost. And it puts an end to illegible scribbles on scraps of paper, with all messages being accurately recorded.

Voice processing offers the following benefits:

Holiday setting capability
Callers during holidays or off-peak periods can still receive suitable help, when the system is programmed to handle their calls appropriately e.g. with auto attendant rather than voice mail.

Automatic fax transfer
The system automatically sends fax calls to the designated fax extension, eliminating the need for a dedicated fax line. A second fax extension can also be designated to handle overflows.

Enhanced integration
The following enhanced facilities are available when integrating Panasonic voice processing systems with KX-TD612E:

Auto configuration
KX-TD612E automatically forwards all extension information to the voice mail, making installation simple.

Live call screening*
Monitors incoming calls so you can decide whether or not to take the call.

Two-way recording*
Any extension user can record a conversation in his or her mailbox, simply by pressing the relevant key. Two-way transfer allows the extension user to record a conversation in someone else's mailbox.

Intercom paging*
Allows paging announcements through proprietary telephones, to alert an extension user of a call for them.

Caller ID Intelligence (KX-TVP50 only)
Callers can be routed by telephone number to a specified extension or service, be announced by name, or by number.

Voice mail specifications (optional)

	KX-TD61291	KX-TVP50E	KX-TVP100E	KX-TVP200E
Total recording time	1 hr	2 hrs (std) 4 hrs (with VP52)	18 hrs	32 hrs
Recording time per mailbox	5-60 mins	5-100 mins	5-100 mins	5-100 mins
Number of ports	Max. 2	Max. 2	Max. 4	Max. 4
Number of mailboxes	Max. 12	Max. 32	Max. 64	Max. 1024
Number of messages (per mailbox)	Max. 128	Max. 100	Max. 100	Max. 100
Personal greeting length (programmable)	1-15 mins	8-60 secs	8-60 secs	8-60 secs
Message retention (programmable)	unlimited	1-30 days or unlimited	1-30 days or unlimited	1-30 days or unlimited
Extension numbering (programmable)	2-4 digits	2-5 digits	2-5 digits	2-5 digits
Message waiting lamp (programmable)	Keyphone only	Keyphone only	Keyphone only	Keyphone only
Maximum message length (programmable)	1-60 mins	1-6 mins	1-6 mins	1-6 mins

Activity reporting –
Mailbox List, Class of Service List, System Service Report,
Call Account Report, Mailbox Usage Report, Memory Usage Report,
Fax Call Report, Custom Service Report (not with VP50)
No Activity Reporting from KX-TD61291 Voice Mail Card option

Features marked * require a KX-TVP50, 100 or 200 and are not available with the KX-TD61291 Voice Mail Card option

ISDN2 flexibility and expandability

KX-TD612E starts with four ISDN2 channels and 12 extensions as standard, with the option of expanding to a maximum of six channels.

This gives you huge flexibility in the choice of equipment you wish to connect including an ISDN2 line to your desk, and offers sufficient expandability to accommodate the growth of most SOHO businesses.

CTI compatibility
Version 1 of KX-TD612E is easily upgradable to Version 2 (currently under development), which will have full compatibility with Computer Telephony Integration, for use with the Panasonic Desktop Telephony Assistant software.

Speed dial
Up to 500 numbers can be programmed into the system for speed dialling.

Analogue line option
Even with all the advantages that ISDN2 offers, it can be useful to have the choice and flexibility of an analogue alternative. Version 2 of KX-TD612E (currently under development) will offer an analogue line option so that you can enjoy the speed of ISDN2 for data transfer, downloads, internet access etc. and also the cost savings of analogue line rental. (Autumn 2001)

Multiple Subscriber Numbering and Direct Dialling In
Each KX-TD612E extension can be called via its own direct dial number.

Calling Line Identity
Any proprietary key telephone with LCD can display an incoming caller's telephone number, as long as CLI is available from the network.

Call Forward to External Number
Any extension can divert its calls to an outside number e.g. home, mobile or another office.

Call Deflection
Calls can be deflected to another number, another office or a mobile, without making any other channels busy.

Extra Device Port (XDP)
For greater capacity and flexibility when Key Phones are connected with basic telephones.

Parallel Connection
One extension number can have a PC, modem, fax, cordless, answerphone or other single line device attached.

Trunk Conferencing
Conference calls involving one internal and two external parties can easily be set up, enabling quicker decision making.
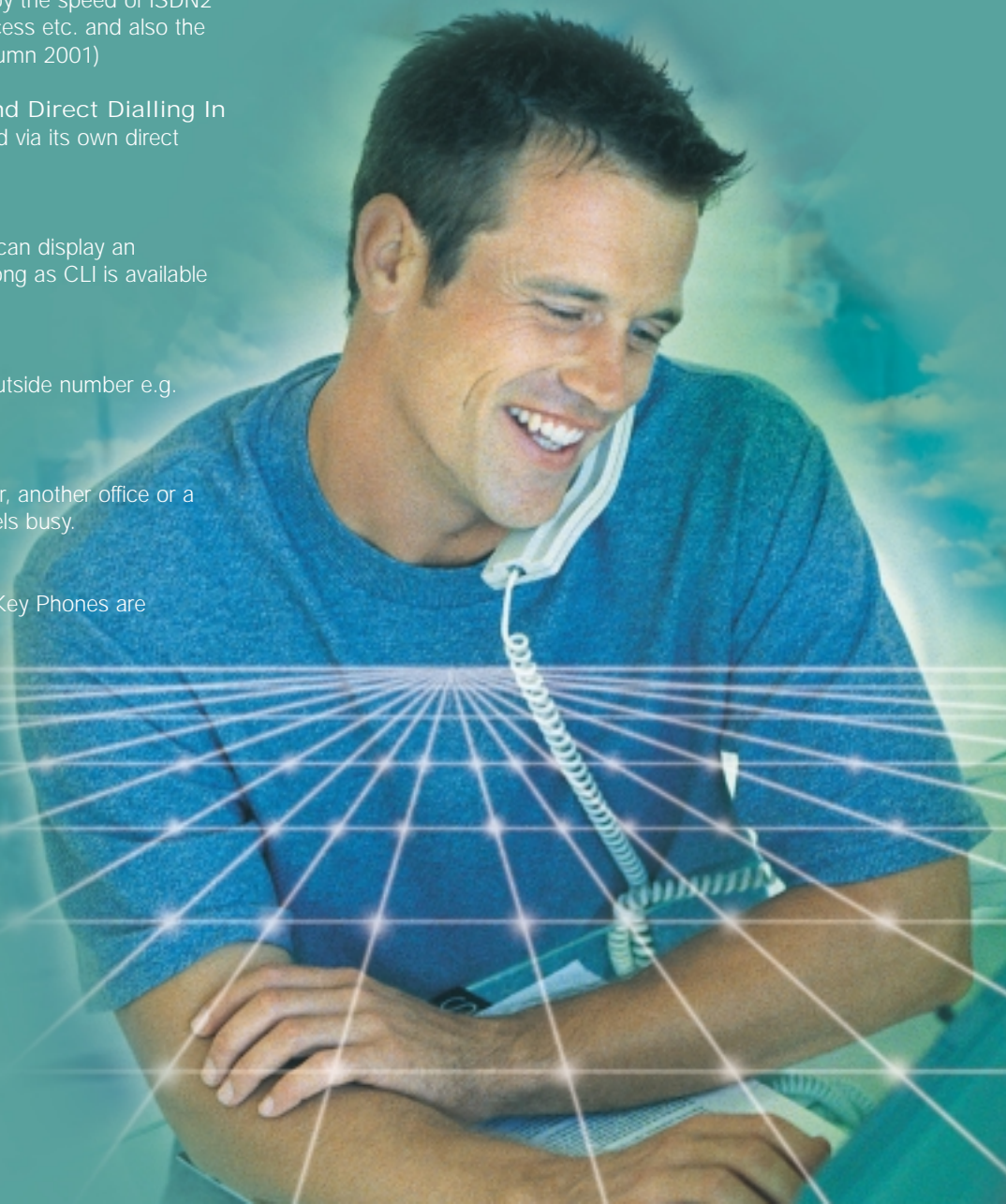
Trunk Transfer
External calls received by an extension can be transferred to an external number – whether another office, another branch or a mobile phone. This greatly enhances customer service and customer satisfaction.

Automatic Route Selection/Least Cost Routing
To reduce costs, the system chooses the most cost effective network for the outgoing number dialled. Up to nine different carriers can be connected to the KX-TD612E.

Door phone/door opener
The system can interface with up to three door intercoms and door contact closures, for remote operation of electronic door locks, to increase office security.

KX-TD612E

A big improvement in your telecommunications doesn't have to mean installing a big system. The new KX-TD612E brings you all the benefits of the latest ISDN2 technology, without the expense of a system larger than you really need.

With 12 extensions, four ISDN2 channels and the option of 2 further ISDN2 channels, the KX-TD612E gives you more flexibility and more efficiency, without costing you more than you want to pay.

And of course, because it's from Panasonic, you can depend totally on the KX-TD612E, for quality, reliability and functionality. Panasonic's experience in business and consumer products goes back many years. We understand the small office and the home office, so we design and build products which help to make your business more efficient, your working life less stressful, and your hard work more profitable.

The KX-TD612E is the latest in a long line of successful telephone systems, and one designed specifically to give you advanced ISDN2 capability at a minimum cost.

Get more from your phone system

ISDN2 phone lines give you access to the digital network, for faster and more effective communication. And with the KX-TD612E you have more flexibility in the way you take advantage of the benefits ISDN2 has to offer.

Whether you connect your ISDN2 lines to compatible fax machines, modems, or even video telephones, data transfer will be noticeably quicker, saving you time and money, and increasing your business efficiency.

The power of the voice

Voice processing is the most efficient way to handle telephone system traffic and internal communication needs.

With the voice processing capabilities of the KX-TD612E, you can record, send and retrieve messages, 24 hours a day, 7 days a week, worldwide. Which means you can improve your sales efficiency, marketing, customer service and handling of human resources.

For example, field sales representatives can phone in sales information at any time of day or night; customers can place orders even when the office is closed; information can be provided 24 hours a day through pre-recorded messages; calls can be recorded and transcribed later – and much, much more.

Developments for the future

The integration of telephony with computers is the next big step in telecommunications. Computer Telephony Integration (CTI) helps to increase efficiency and improve customer service, through linking your calls with your customer information database.

Version 2 of KX-TD612E is already under development, and will feature a comprehensive CTI capability. A straightforward upgrade from Version 1 to Version 2 is guaranteed – via remote software upgrading and remote programming. (Autumn 2001)
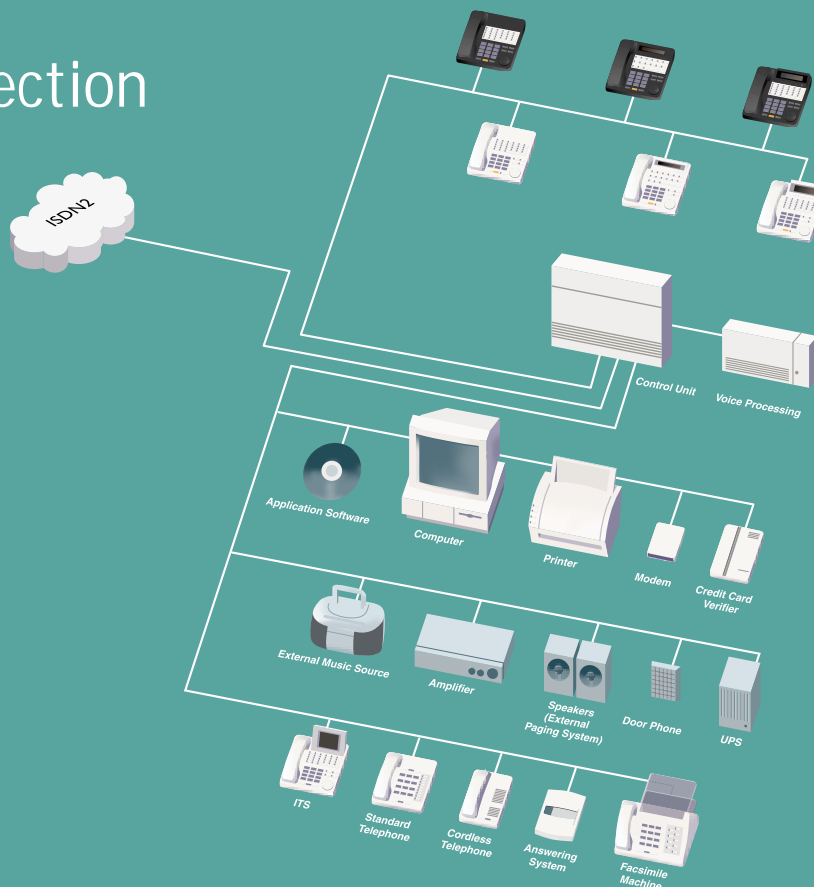
Small business, big benefits

Now you don't have to be a big business to benefit from ISDN2, voice processing and CTI. And with the KX-TD612E, you don't have to have a big system – or a big budget – to acquire them.

KX-TD612E can bring any small business or home office the very best of modern telecommunications products, using ISDN2 telephony, for maximum efficiency at a minimum cost.

KX-TD612E connection diagram

Optional Features:

Call logging/management interface
Door phone/door opener
External paging
Headset operation
Loud ringing bell

ISDN2

Control Unit

Voice Processing

Application Software

Computer

Printer

Modem

Credit Card Verifier

External Music Source

Amplifier

Speakers (External Paging System)

Door Phone

UPS

ITS

Standard Telephone

Cordless Telephone

Answering System

Facsimile Machine

Specifications

System Components	Max. per System	Additional Information
KX-TD612E – Control Unit	1	Initially configured for 4 ISDN2 channels and 8 extensions, max. 8 keyphones max. 4 for simple telephones (fax, credit card verifier, modem etc.) max. 1 ISDN SO-BUS
KX-TD61280E – ISDN2 Card	1	Provides 2 additional ISDN2 channels (lines) or 1 SO-BUS
KX-TD61260E – Doorphone Card KX-T30865E – Doorphone Unit	1 1	In-built doorphone interface permits connection of a doorphone and door release. With a KX-TD61260 card a maximum of 3 doorphone/release connections is possible

Maximum Capacities

ISDN2 Channels	6	3 ISDN2 circuits (2 channels each)
Extensions	8 (12 using XDP)	XDP available on first four proprietary digital key telephones
Doorphones	3	Allows visitors to announce their arrival
Door Openers	3	Electronic lock needs to be provided
System Speed Dials	500	Accessible from any extension
Personal Speed Dials	10	Accessible by individual extensions
Least Cost Routing Carriers	5	1 direct and 4 indirect

Handsets

Model	Description	FF keys	One touch keys	Dual colour LEDs	Message LED	Alphanumeric display	Handsfree speech
KX-T7420E	Digital 12 Key Handsfree	12	12	•	•	-	•
KX-T7425E	Digital 24 Key Handsfree	24	24	•	•	-	•
KX-T7431E	Digital 12 Key Handsfree Display	12	12	•	•	•	•
KX-T7433E	Digital 24 Key Handsfree Display	24	24	•	•	•	•
KX-T7436E	Digital 24 Key Handsfree Large Display	24	24	•	•	•	•

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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.