Panasonic®

KX-TD816
KX-TD1232

XDP eXtra Device Port

CALLER ID DISPLAY

CTI COMPATIBLE

AUTOMATIC ROUTE SELECTION

DIRECT INWARD DIAL (DID)

Digital Systems That Adapt to Your Evolving Office Environment

Communication flexibility is essential in order to meet the challenges of today's rapidly changing business climate.

Panasonic® Digital Super Hybrid Systems provide the power, flexibility, and expansion capability to fully accommodate your growing business. Designed with outstanding, time-saving features that are easy to use, the Panasonic systems are versatile and future-ready.

The KX-TD816 is configured for 4 CO lines and 8 digital proprietary phones, plus 8 single-line devices. Expansion modules provide a maximum capacity of 8 lines plus 32 telephones and devices.

The KX-TD1232 system is initially configured for 8 CO lines and 16 digital proprietary phones, plus up to 16 single-line devices. A single-cabinet KX-TD1232 system is expandable to 12 CO lines/64 stations (32 digital proprietary phones and 32 single-line devices). Connecting a second KX-TD1232 cabinet increases the expansion capacity to the system maximum of 24 CO lines and 128 stations (64 digital proprietary phones and 64 single-line devices).

Both Digital Super Hybrid Systems support Panasonic 7000 series analog phones, single-line devices and Panasonic 7400 and 7200 series digital sets, without the need to buy extra adapters, cards or modules. Voice mail ports facilitate integration with a Voice Processing System. And both systems are equipped with the unique XDP (eXtra Device Port) capability for unprecedented flexibility and expansion power.

Easy-to-use Features for Intelligent Call Management

Automatic Route Selection
A Digital Super Hybrid System can help reduce long distance costs by automatically routing outgoing calls to the most cost-efficient long distance carrier within your network. The system makes the selection based on pre-programmed time-of-day, day-of-week, and call destination tables.

Back-Up Operator
When the operator or other staff is unable to answer an incoming call, the optional KX-TD191 DISA card can be used to provide an outgoing message after a designated number of rings (3 to 12 rings). Your calls will then always be answered in a timely manner.

Caller ID* Compatibility**
Displays the incoming caller's phone number, or name and number, when used with a Panasonic system display phone. The system can automatically match a caller's number with a previously stored name, and display that name on the LCD. Up to 500 names can be stored.

Caller ID* Compatibility** to Single Line Telephone Devices
With the addition of a KX-T171 module Caller ID, information can be displayed on a single-line consumer telephone/device connected to the system (limit one device per KX-T171 module).

* Requires subscription to Caller ID service offered by certain telephone companies for a fee.
** This feature requires an optional Caller ID card for every 4 Caller ID CO lines.

Call Forwarding Versatility
Incoming, intercom and transferred calls to your extension can be forwarded when you are on the phone or away from your desk. Calls can be directed to your mailbox, to another phone, even forwarded outside your office building—to reach you anywhere in the world, 24 hours a day, 7 days a week. "Follow-me" programming allows you to remotely set Call Forwarding from another phone within your organization, so calls to your extension will reach you while you roam.

CTI (Computer Telephony Integration) Compatibility
CTI compatibility enables you to link your KX-TD1232 or KX-TD816 system to a LAN (Local Area Network) for enhanced call management capability. Picture using your desktop PC to handle basic and advanced phone features, or having calls automatically routed to the screen of the appropriate individual along with full background information. Separate computer telephony software is required. See your Panasonic certified dealer for information on optional Panasonic CTI solutions, availability and pricing.

Direct Inward Dial (DID)
Panasonic Digital Super Hybrid Systems can be connected to Direct Inward Dial (DID) CO lines provided by the telephone company with the addition of an optional KX-TD185 expansion module. With DID service, calls from outside the company will be directed to a specific extension, alleviating the need for an operator or attendant.

Direct Inward System Access (DISA)
With the optional KX-T191 DISA card, the KX-TD1232 system will provide a simplified "auto attendant" feature with up to 64 seconds of outgoing message time. After dialing into the system, the caller obtains single-digit access to extensions, phantom extensions or ring groups any time during or after the message. Additionally, callers can be required to dial a security code to access extensions or the system's outside lines.

SMDR (Station Message Detail Recording)

By connecting a serial printer to the system, or by attaching a call accounting system, you can obtain a record of calls. Know who called where, when, and for how long. Account codes may be assigned to keep track of costs to be billed to clients, employees, projects or departments.

Toll Restriction

The Super Hybrid System can be programmed to prohibit unauthorized outgoing long distance calls by preventing certain extensions from accessing specified area codes/exchange codes.

Trunk Answer From Any Station

Sends ringing from outside calls through the external paging system, allowing CO calls to be answered from any station in the system.

Night Service

The Super Hybrid System provides a "Day" and "Night" mode feature which, when set from any station, can be used to change system functions according to the time. For example, you can designate which phones ring on incoming calls after hours, or prohibit dialing out at night.

Distinctive Ring

You can program up to eight different ring tones for the digital phones, giving phones in different areas or departments a distinctive ring.

PC-Based Programming

Panasonic dealers can program the KX-TD1232 and KX-TD816 via an IBM-compatible computer. Programming data can then be stored on disk for future back ups. PC programming software is available to certified dealers only.

Phantom Extensions

For added call-routing flexibility, you can assign one extension number to several phones. All phones will then ring simultaneously when this extension is dialed.

Message Waiting Unit

With the addition of a KX-T194 message waiting box, message waiting lamps on single-line telephones that are connected to the system will illuminate when new messages are received.

Certification Program

Panasonic Consumer Electronics Company offers a comprehensive training program that results in technical certification for the installation of the KX-TD816 & KX-TD1232. Please consult your dealer/installer to determine if they have successfully completed the Panasonic certification program.
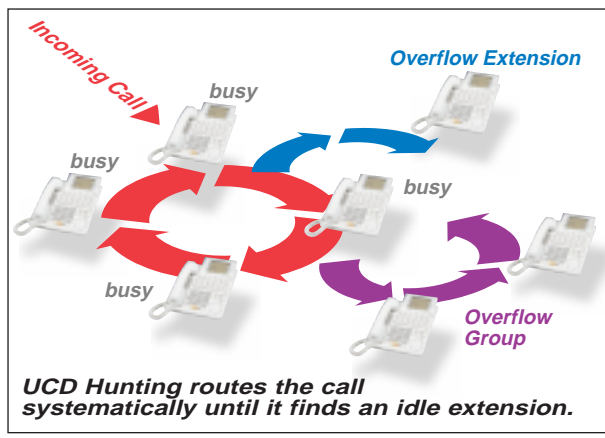
Uniform Call Distribution

The Super Hybrid System can systematically distribute incoming calls to a group of operators or agents, providing outside callers with an outgoing message* when all members of the group are busy. To ensure that callers are not kept waiting, a timetable can be established to determine when calls overflow to another extension or group of extensions.

Requires KX-TD191 card.

Log-In/Log-Out Button

A Log-in/Log-out button may be assigned so that members of a UCD Group, Ring Group or Hunt Group may temporarily remove themselves from the group. This allows members to go to lunch or finish paperwork before taking another call.

UCD Hunting routes the call systematically until it finds an idle extension.

Enhance Your System with These Proprietary Products from Panasonic.

The Easy Way to Instantly Expand Your Desktop Communications

All Panasonic 7200 and 7400 series digital phones feature an extra RJ-11 jack. This "eXtra Device Port" (XDP) enables you to connect any single-line device directly to your phone, instantly expanding your connection capacity and allowing you to use both communications devices simultaneously. Plug in a cordless phone, fax machine, answering device, laptop, modem or credit card verifier. Now you're able to talk on the phone while faxing, transmitting a data file or even surfing the Net!

Talk and send data at the same time.

Talk while sending or receiving a fax.

Voice Mail Integration

The KX-TD816 and KX-TD1232 feature built-in software that accommodates digital integration with Panasonic Voice Processing Systems. With this combination you get much more than automated attendant and voice mail. You also get custom service, multi-lingual service, interview service and a variety of other innovative features, such as:

- Live Call Screening
- Remote Live Call Screening
- Two-Way Record
- Two-Way Transfer
- Intercom Paging
- Direct Mailbox Access
- Automatic Configuration

Add on a Wireless System Telephone for Productivity Plus Mobility.

Operating in the 900 MHz frequency range and using Panasonic Sound Charger™ noise reduction technology, the KX-T7880 wireless phone gives you enhanced range and clear, crisp sound. It can work as either a proprietary multi-line wireless phone or as a single-line wireless phone. Flexible keys with indicators can be assigned to access central office lines (or line groups), system features or one-touch dialing. In addition, the KX-T7880 features fixed keys for intercom, hold, redial, conference and transfer functions.

When used as part of a Panasonic Super Hybrid System that is digitally integrated with a Panasonic KX-TVS75, KX-TVS100 or KX-TVS200 Voice Processing System, you can enjoy additional advanced features, such as live call screening right through the handset.

Specifications

CAPACITY		KX-TD816			KX-TD1232				KX-TD1232 DUAL CABINET
		Basic	First extension expansion module	CO expansion module	Basic	First extension expansion module	Second extension expansion module	CO expansion module	Maximum Configuration
	CO lines	4	4	8	8	8	8	12	24
	Extensions	8 / 16 with XDP	16 / 32 with XDP	16 / 32 with XDP	16 / 32 with XDP	24 / 48 with XDP	32 / 64 with XDP	32 / 64 with XDP	64 / 128 with XDP
Intercom Paths		Non-Blocking			Non-Blocking (indiv. cabinets only)*				
Dialing Method	External	Tone / Pulse (10/20 pps)			Tone / Pulse (10/20 pps)				
	Internal	Tone / Pulse (10/20 pps)			Tone / Pulse (10/20 pps)				
Dialing Conversion		Tone to pulse, or pulse to tone			Tone to pulse, or pulse to tone				
Telephone Switching		Non-blocking PCM time sharing			Non-blocking PCM time sharing				
Power Failure	Transfer	To pre-assigned extensions			To pre-assigned extensions				
	Backup	Several hours with optional batteries (depending on use)			Several hours with optional batteries (depending on use)				
Connections	CO line	Modular jack (RJ-14C)			Modular jack (RJ-14C)				
	Extension	Modular jack (RJ-14C)			Amphenol connector				
	Paging	Phono jack			Phono jack				
	External music	2—conductor jack			2—conductor jack				
	SMDR	RS-232C			RS-232C				
	Doorphone	Modular jack (RJ-14C)			Modular jack (RJ-14C)				
Add On Module Connectors	Station KX-TD170	Amphenol connector			Amphenol connector				
	Station CID KX-TD171	Amphenol connector			Amphenol connector				
	CO KX-TD180	Modular jack (RJ-14C)			Modular jack (RJ-14C)				
	DID KX-TD185	Modular jack (RJ-14C)			Modular jack (RJ-14C)				
Power Source		AC 120V, 50/60Hz			AC 120V, 60Hz				
Power Requirement (max)		100 Watts			140 Watts				
Dimensions (H x Wx D)	Basic	18 1/2" x 13 3/16" x 4 1/2"			25 3/16" x 12 5/8" x 4 1/2"				
	Full	18 1/2" x 13 3/16" x 6 5/16"			25 3/16" x 12 5/8" x 4 1/2"				
Weight	Basic	12.1 lbs.			17.8 lbs.				
	Full	17.6 lbs.			25.1 lbs.				

Panasonic
just slightly ahead of our time.®

* 28 voice paths between cabinets