# Add on a Wireless System Telephone for Productivity Plus Mobility

Now you can use a KX-TD7894 or KX-TD7895 900MHz Digital SST Multi-Line Wireless Telephone for optimum digital clarity and security, with the functionality of a powerful system phone. Both models use Digital Spread Spectrum Technology (SST) in the 900MHz band, offering up to two times the range than our regular 900 MHz cordless phone because they transmit over the entire bandwidth, with greater output.

Flexible keys with indicators can be assigned to access central office lines, system features or a combination of both. The KX-TD7895 also features 3-line multi-function backlit LCD readout and message waiting indicators.

When used as part of a Panasonic Super Hybrid System that is digitally integrated with a Panasonic KX-TVS50, KX-TVS80, KX-TVS110, KX-TVS200 or KX-TVS300 Voice Processing System, you can enjoy additional advanced features, such as live call screening right through the handset.

## Certification Program

The KX-TD816-5 and KX-TD1232-5 and associated equipment are Panasonic Consumer Electronics Company Certified Dealer models. Please consult your dealer/installer to determine if they have successfully completed the Panasonic certification program.

## KX-TD816-5
## KX-TD1232-5

▶ XDP eXtra Device Port

▶ Caller ID* Display

▶ (TAPI 2.1) Compatible

▶ Automatic Route Selection (ARS)

▶ T1 Compatible

▶ 4 Doorphones

| CAPACITY | | KX-TD816-5 Basic | KX-TD816-5 First extension expansion module | KX-TD816-5 CO expansion module | KX-TD1232-5 Basic | KX-TD1232-5 First extension expansion module | KX-TD1232-5 Second extension expansion module | KX-TD1232-5 CO expansion module | KX-TD1232 DUAL CABINET 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 | | | | |
| Add On Module Connectors | KX-TD161 | Modular jack (RJ-14C) | | | Modular jack (RJ-14C) | | | | |
| | 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) | | | | |
| | KX-TD 284 | Modular jack (RJ-45) | | | Modular jack (RJ-45) | | | | |
| | KX-TD382/4/6 | Modular jack (RJ-45) | | | Modular jack (RJ-45) | | | | |
| Power Source | KX-TD187 | | | | Modular jack (RJ-45) | | | | |
| Power Requirement (max) | | AC 120V, 50/60Hz | | | AC 120V, 60Hz | | | | |
| | | 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. | | | | |

\* 28 voice paths between cabinets

## Voice Mail Integration

The KX-TD816-5 and KX-TD1232-5 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
▶ Caller ID Routing
▶ Caller ID Name Announce
▶ Caller ID Personal Greeting

# Panasonic®
## just slightly ahead of our time®

## Easy-to-Use Features for Intelligent Call Management

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-TD816-5 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-TD1232-5 system is initially configured for 8 CO lines and 16 digital proprietary phones, plus up to 16 single-line devices. A single-cabinet KX-TD1232-5 system is expandable to 12 CO lines/64 stations (32 digital proprietary phones and 32 single-line devices). Connecting a second KX-TD1232-5 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 and 7300 series analog phones, single-line devices and Panasonic 7400 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.

### 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)
The KX-TD1232-5 and the KX-TD816-5 systems conform to the CTI TAPI 2.1 standard, which permits software developers to integrate to TAPI 2.1 compliant software applications.

### Door Phone & Door Opener
Add security to your facility with the optional Door Phone/Opener Adapter Card. With this option installed, our Digital Super Hybrid Telephone Systems can interface with up to 4 door intercoms and can control up to four electronic door contact closures. If you have more than one door intercom, you can assign each one a unique ringing pattern to help you distinguish which one was pressed. You can also use these adapter cards to open a door from the telephone, provided the door is equipped with an electric latch.

### 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-TD191 DISA card, the KX-TD1232-5 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.

### 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-TD1232-5 and KX-TD816-5 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-TD194 message waiting box, message waiting lamps on single-line telephones that are connected to the system will illuminate when new messages are received.

### 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.

### T1 Interface
The system's T1 card allows 2 pairs of wires to be electronically divided into 24 channels which eliminates the need of running separate lines and provides an extremely cost-effective way to connect the system to the telephone company's central office.

### 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.
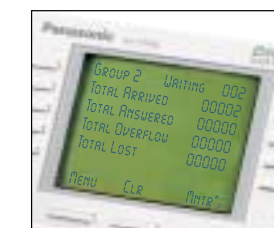*Requires KX-TD191 card.

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



### 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.

### Incoming Group Call Monitoring

For simple up-to-date incoming group call information, a KX-T7436 or KX-T7456 proprietary telephone can be programmed to display the number of total arrived calls, total calls waiting, total answered calls, total overflowed calls and total lost calls.

## The Easy Way to Instantly Expand Your Desktop Communications

All Panasonic 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!


XDP (eXtra Device Port)


Talk and send data at the same time.


Talk while sending or receiving a fax.