

### Mailbox Services

Greeting, After Hours  
Greeting, Busy  
Greeting, No Answer  
Internal Message Delivery  
Mailbox Name  
Mailbox Password  
Message Delivery Status  
Message Reception Mode  
Message Erase  
Message, Fast Forward  
Message, Pause  
Message, Playback  
Message, Repeat  
Message, Rewind  
Message, Save  
Message, Scan  
Message, Skip  
New Message Notification  
Play Previous Message  
Private Messages  
Reply to Subscriber(s)  
Time and Date Stamp  
Transfer Message with Comments  
Transfer Message Without Comments

### System Features

All Calls Transferred to Mailbox  
Alternate Extension Transfer Sequence  
Auto Message Move/Copy  
Bilingual Voice Prompts (KX-TVS90)  
Broadcast Message  
Call Blocking  
Call Screening  
Call Transfer Status  
Caller ID, Name Announcement\*  
Caller ID, Personal Greeting\*  
Caller ID, Call Routing\*  
Callback Number Entry  
Class of Service  
Clock Synchronization with PBX\*  
Coverage Mode, Busy  
Coverage Mode, No Answer  
Covering Extensions  
Day/Night Service  
Day/Night/Lunch Service Sync with PBX\*  
Daylight Saving Time  
Assignment  
Department Dialing  
Dial by Name  
Direct Mailbox Access\*  
External Message Delivery  
External Message Delivery Status

Remote Call Forwarding Set\*  
Rotary Telephone Service  
Service Access Commands  
Service, Automated Attendant  
Service, Custom  
Service, Interview  
Service, Voice Mail  
System Clock  
System Clock Sync with PBX\*  
System Prompts After Personal Greeting  
System Reports  
Two-Way Record\*  
Two-Way Transfer\*  
Trunk Group Based Routing\*  
Unlimited Message Length

### System Administration

Auto Configuration\*  
Integration, Digital  
Integration, In-Band  
PC-Based Programming  
Quick Setup  
System Manager Administration  
Utility Commands  
Remote Change of Company Greeting

\*Only available with DPPTS integration.

Fax Management  
Fax Transfer  
Group Distribution Lists, Personal  
Group Distribution Lists, System Groups Mailbox  
Hold Call  
Holiday Service  
Intercom Paging Notification\*  
Live Call Screening\*  
Live Call Screening, Remote\*  
Mailbox, General Delivery  
Mailbox, Guest  
Mailbox, Interview  
Mailbox, Message Manager  
Mailbox, Subscriber  
Mailbox, System Manager  
Message Waiting Notification, Continuous  
Message Waiting Notification, Lamp  
Message Waiting Notification, Outdial  
Message Waiting Notification, Pager  
Message Waiting Notification, Scheduled  
Multiple Company Greetings  
Operator Service, Day/Night  
Recordable System Prompts

### KX-TVS50 and KX-TVS90 Specifications

Line Capacity:	2 Ports
Dialing Method:	Tone/pulse (10/20 pps)
Flash Time:	100/300/600/900 msec (programmable)
CPC Detection:	None/6.5/150/300/450/600 msec
Type of Line:	Loop start
Extension Numbering:	2 to 5 digits (programmable)
Pause Time:	1 to 9 sec (programmable)
Message Waiting Lamp:	Programmable DTMF sequence
Main CPU:	16-bit microprocessor
System Recording Time:	KX-TVS50 2 hours (expandable to 4) KX-TVS90 6 hours
Number of Mailboxes:	Max. 32 boxes
Number of Messages:	Max. 100 per mailbox
Personal Greeting Message Length:	8 to 60 sec (programmable)
System Message Retention Time:	1 to 30 days, or unlimited (programmable)

Maximum Message Length:	1 to 6 min. (programmable)
Activity Reporting:	Mailbox List, Class of Service List, System Service Report, Call Account Report, Port Usage Report, Mailbox Usage Report, Disk Usage Report, Fax Call Report, Custom Service Report Connections
System Prompts	KX-TVS50 English KX-TVS90 English and Spanish
Telephone Line:	Modular connector (RJ-11C) (2-conductor wire)
Data Port:	RS-232C interface port
Power Source:	AC 120V, 60Hz
Dimensions (W x H x D):	12 1/2" x 6 7/8" x 2 1/2"
Weight:	3.0 lbs.

# Panasonic

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## KX-TVS50 KX-TVS90

- ▶ Voice Mail Service
- ▶ Auto Attendant
- ▶ Bilingual Voice Prompts (KX-TVS90)
- ▶ Live Call Screening\*
- ▶ Advanced Caller ID\* Functions\*
- ▶ All Flash Memory



## Panasonic Puts You In Command

### Voice Mail Service

Both the KX-TVS50 and KX-TVS90 support 32 individual, password-protected mailboxes which can hold up to 100 messages each. Each mailbox owner may record a general message, a message for "after-hours" use, and a "busy" greeting that lets the caller know if you're on the phone or away from your desk. Total system message recording capacity is 2 hours with the KX-TVS50 (expandable to 4 hours with optional KX-TVS52) and 6 hours with the KX-TVS90.

### Automated Attendant Service

Answers incoming calls and routes the caller to the appropriate extension or department.

### Automatic Message Forward/Copy Message

If messages have not been "picked up" after a specified period of time, the system can be programmed to automatically move or copy the message to another mailbox.

### Bilingual Voice Prompts (KX-TVS90 Only)

All the necessary system recordings are factory programmed in English and Spanish, but one other language may also be recorded. The opening greeting can be set up to let the caller choose a language, and you can even program different incoming phone lines to be answered in different languages—a great feature for businesses operating in multi-cultural communities.

### Call Screening

The system records the caller's name and announces it to the extension user before transferring the call. Each individual mailbox can activate or deactivate this feature.

### Callback Number Entry

The system can collect the telephone numbers of your callers before, after, or instead of recording a message, and include it in your beeper notification. The caller's number will be displayed on your pager, allowing you to contact that person without first having to retrieve his/her message.

### Caller ID<sup>1</sup> Name Announcement

Now, you don't even have to look at your phone to identify certain callers. With Caller ID Name Announcement, you can store up to 120 pre-recorded audio messages that will be played through the telephone's handset, matching a Caller ID number that is programmed with a pre-recorded message.

### Caller ID<sup>1</sup> Personal Greeting

Up to four personal greetings can be recorded and assigned to specific telephone numbers. The recording is then played when that specific number calls.

### Caller ID<sup>1</sup> Call Routing

The System Administrator can assign up to 120 Caller ID numbers and program them to route the call to the desired extension, mailbox or custom service.

### Covering Extension

Each mailbox user can set a covering extension which can be used when he or she is not available to answer calls.

### Custom Service

Custom Service allows callers 1-digit access to department extensions, information announcements or other system features.

### Direct Mailbox Access

Mailbox owners can retrieve new messages simply by pressing the Message Waiting button.

### Enhanced Message Notification

Each mailbox user can be notified of new messages in several different ways:

- ▶ The message lamp\*\* on your extension will light.
- ▶ Your pager will alert you to call your mailbox.
- ▶ Your pager will display the telephone/intercom number of the caller.
- ▶ The system will call a predetermined telephone number to reach you.

These notification methods can also be combined and programmed to operate in a specified sequence, so that the system can find you and alert you to important messages.

### External Message Delivery

Allows you to pre-record a message and specify the phone number to be called and the time and date for the message to be delivered. If the destination number is busy at the specified time, the call can be re-dialed up to 15 times. You can even program in a password to ensure that your message is delivered only to the appropriate party.

### Fax Detection

When a port receives a fax call and CNG tones are detected, the system will automatically transfer the call to the designated fax extension.

### Holiday Service

The system can accommodate up to 20 custom greetings for holidays and can be programmed to play the special greetings on those days.

### Intercom Paging<sup>\*</sup>

Notifies you of an incoming call, even if your extension is unanswered. The system will put the caller on hold, and use an internal or external paging function to announce, "I have a call for..." You can answer the call from anywhere in your facility by dialing a pick-up code from any system phone.

### Interview Service

Allows you to set up a mailbox which will deliver and record responses to up to ten questions.

### Live Call Screening<sup>\*</sup>

Allows you to monitor your incoming calls while they are being recorded into your mailbox, giving you the ability to intercept the call. You can choose to hear your calls either through your telephone's speaker or handset.

### Remote Live Call Screening<sup>\*</sup>

Gives you the freedom to monitor your calls from the handset of any cordless phone. Choose whether to pick up the call or let it go to your mailbox.

<sup>1</sup> Requires subscription to caller ID service offered by certain telephone companies for a fee. Also requires a Caller ID card in PBX.  
<sup>\*</sup> This brochure describes features that are available when a Panasonic voice processing system is integrated with some Panasonic Digital Super Hybrid Systems or Advanced Hybrid Systems. Some features may be available only when the systems are integrated and digital telephones are utilized. See your dealer for details.

\*\* Must be connected to a PBX that supports Message Waiting Lamp.

*The Panasonic KX-TVS50 and KX-TVS90 Voice Processing Systems are efficient communications management systems that will adapt to both your business and home environment. These innovative systems deliver big business features at a small business price. Have calls answered professionally by the auto attendant and retrieved easily through voice mail. And, integrating a Panasonic voice processing system with a Panasonic Advanced or Digital Super Hybrid telephone system\* will provide additional advanced features that are only available from Panasonic. Ask your Panasonic dealer to further explain how a Panasonic voice processing system can help you boost your productivity through efficient communications management.*

# Affordable, Feature-Rich Communications Management

