VOICE PROCESSING SYSTEM
KX-TVM50
KX-TVM200

the voice of business
The human voice is still the best way to communicate. With the Panasonic KX-TVM50AL and KX-TVM200AL, Panasonic introduces two feature-packed Voice Processing Systems (VPS) designed for efficient communication.

The KX-TVM50AL and KX-TVM200AL each offer Automated Attendant Automatic Call Routing and Message Notification, each can be customised to your needs.

Other new features include Email Notification and Voice Mail Menu using the LCD on Panasonic Proprietary Telephones (PT).

With the KX-TVM50AL and KX-TVM200AL, Panasonic delivers new levels of communication ease and efficiency that can help any business be more productive.

**System Expansion**

When your business grows, you need a Panasonic Voice Processing System that can grow with you. As your needs change over time, the KX-TVM50AL and KX-TVM200AL can be expanded to keep up with your increased call traffic. The KX-TVM50AL comes equipped with 2 ports, capable of handling 2 calls at once. This entry level system is ready to satisfy small scale voice mail needs right out of the box and can be expanded to 6 ports, handling 6 calls at once. Recording time can also be doubled by adding a KX-TVM524 4-Hour Recording Time Expansion Card. The larger-scale KX-TVM200AL can be expanded to 24 ports, handling 24 calls at once. Recording time is an incredible 1000 hours.

**Voice Mail (VM) Menu on the LCD**

For easier operation, Voice Mail menus and the number of new messages received can be displayed on the LCD screens of Proprietary Telephones. Users can retrieve messages or specify parameters.

**Custom Service**

Using Custom Service, you can give callers 1-digit access to department extensions, special announcements and other information. The caller listens to the first Custom Service menu, then selects from the options available.

**E-Message**

Even while you are away from the office, the Panasonic Voice Processing System will make sure you never miss a message. You can configure the system to notify you by email when you have received new messages; you can then log in to your mailbox remotely and listen to your messages. Better yet, have the system send your new messages in telephone-quality WAV file format as email attachments and listen to your messages without even picking up the phone! You can easily forward them by email to other parties and keep backup copies of those messages on your PC. Calling the office to check your messages is finally a thing of the past.
**Voice Mail Service**
The KX-TVM50AL provides 64 password-protected mailboxes while the KX-TVM200AL provides 1024. When callers reach your mailbox, they can hear a personal greeting that you recorded and then leave a message. You can also set the system to automatically forward messages to a back-up mailbox, if desired.

**Automated Attendant Service**
Answers incoming calls and routes the caller to the appropriate extension or department.

**Interview Service**
The KX-TVM50AL and KX-TVM200AL can provide a kind of "interview service". You can record up to 10 questions and set the system up so that when someone calls, he or she is sent to the question-and-answer mailbox. The system will ask the questions and then record the caller’s answers. This is ideal for such uses as taking mail orders, screening job applicants or conducting surveys.

**Message Waiting Notification**
This feature tells you when a caller has left a message in your mailbox. It can notify you in any of three ways:
- By lighting the "message waiting" lamp on your telephone.
- By sending a message to your beeper, either telling you to call your mailbox or actually providing the caller’s number.
- By calling you at a telephone number you specified in advance.

**Multilingual Voice Prompts**
You can program Multilingual Voice Prompts. The opening greeting can be set to let the caller choose a language and you can even program different incoming phone lines to be answered in different languages. It’s a great feature for global businesses.

**Direct Mailbox Access**
Mailbox owners can retrieve new messages simply by calling from your extension or pre-registered telephone number. No confusing log-in codes are required.

**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.

**Holiday Service**
The system can play special greetings for holidays and special service settings can be programmed.

**Playback Volume / Speed Control**
Subscribers can change playback volume or speed while listening to messages.

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

**Caller ID Call Routing**
This feature automatically sends calls from preassigned Caller ID numbers ("wild card" digits can be used) to a designated mailbox, extension or Custom Service. Routing can help your company provide better service in countless ways. For example, when an important customer rings, you can forward their call directly to your company’s key contact, have calls from your client in Paris forwarded to a mailbox with a greeting message in French or have calls from family members or friends sent to a private Custom Service menu just for them. You can even use Message Waiting Notification to call your beeper or mobile phone when someone has called and left a message in your mailbox.

**Caller Name Announcement**
Now, you don’t even have to look at your phone to identify certain callers. With this feature, you can store 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.
Personal Greeting for Caller ID
Each subscriber can record up to four different Personal Greetings and designate up to eight Caller ID numbers to be directed to each greeting. For example, you could create one greeting message in German and designate eight German customers to it. If any of them calls while you’re away from your desk, they will automatically be sent to the mailbox with the German message.

Intercom Paging
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 dialling a pick-up code from any system phone.

Live Call Screening
This lets you monitor incoming messages and decide whether to answer the phone or let the caller leave a message. It’s like having a telephone answering machine right at your desk.

Two-Way Recording
This allows a subscriber to record a conversation (both the caller’s words and the subscriber’s own words) in his or her mailbox. Simply press the Two-Way Record key.

Two-Way Transfer
This allows the subscriber to record a conversation into another subscriber’s mailbox. This is especially useful, for example, for companies that want their receptionists to personally record messages from callers.

PBX Integration Features
• APT Integration (KX-TVM50AL only)
• Auto Configuration*
• DPT Integration
• Direct Mailbox Access*
• Display the Number of New Messages on PT
• Inband Integration (KX-TVM50AL only)
• Intercom Paging*
• Live Call Screening*
• Timed Reminder Setting
• Voice Mail Menu

Client Application
• Custom Service Builder
• Windows-based Administration

LAN Features
• Email Integration (E message)

Subscriber’s Features
• Auto Play Message
• Auto Receipt
• Bookmark
• Call Transfer Status
• Caller ID Screening*
• Caller Name Announcement – Personal*
• Covering Extension
• Deleted Messages Recovery
• External Message Delivery List
• External Message Delivery Service
• Group Distribution List – Personal
• Incomplete Call Handling Service
• Mailbox Capacity Warning
• Message Delivery, Internal
• Message Reception Mode
• Message Transfer
• Message Waiting Notification – Lamp / Phone or Beeper

System Features
• Alternate Extension Group
• Announcement on Hold
• Auto Forwarding
• Automated Attendant Service
• Backup and Restore Messages in Mailboxes
• Broadcasting Messages (System Manager Only)
• Busy Coverage Mode
• Call Hold
• Call Routing (Caller ID / Direct Inward Dialling / Personal Identification Number)*
• Call Services
• Callback Number Entry
• Caller Name Announcement over Intercom Paging
• Caller Name Announcement – System*
• Calling a Wireless Beeper
• Class of Service (64 levels)
• Custom Service
• Day Service
• Daylight Saving Time (auto switching)
• Dialling by Name
• Extension Group
• Fax Management
• Fax Transfer, Automatic
• General Delivery Mailbox
• Group Distribution List – System
• Holiday Service

System Administration Features
• Auto Configuration*
• System Reports

* APT / DPT Only
APT : Analogue Proprietary Telephone
DPT : Digital Proprietary Telephone
SLT : Single Line Telephone
### KX-TVM50AL/200AL SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>KX-TVM50AL</th>
<th>KX-TVM200AL</th>
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<tbody>
<tr>
<td>Number of Ports</td>
<td>2 to 6</td>
<td>0 to 24</td>
</tr>
<tr>
<td>Connectable IP-PBX</td>
<td>Panasonic IP-PBX</td>
<td>Panasonic IP-PBX</td>
</tr>
<tr>
<td>Extension Numbering</td>
<td>2 to 5 digits (programmable)</td>
<td>2 to 5 digits (programmable)</td>
</tr>
<tr>
<td>Pause</td>
<td>100 to 9900msec (every 100 msec per unit)</td>
<td>100 to 9900msec (every 100 msec per unit)</td>
</tr>
<tr>
<td>Message Waiting Lamp</td>
<td>Programmable DTMF sequence</td>
<td>Programmable DTMF sequence</td>
</tr>
<tr>
<td>Data line of APT/DPT interface</td>
<td>Data line of APT/DPT interface</td>
<td></td>
</tr>
<tr>
<td>Voice Storage</td>
<td>Initial : 4h Max : 8h</td>
<td>Max. 1000 h</td>
</tr>
<tr>
<td>Number of Mailboxes (including System Manager and Message Manager Mailboxes)</td>
<td>Max. 64</td>
<td>Max. 1024</td>
</tr>
<tr>
<td>Personal Greeting Messages</td>
<td>1 to 360 sec (programmable)</td>
<td>1 to 360 sec (programmable)</td>
</tr>
<tr>
<td>Message Retention Time</td>
<td>1 to 30 days or unlimited (programmable)</td>
<td>1 to 30 days or unlimited (programmable)</td>
</tr>
<tr>
<td>Maximum Message Length</td>
<td>1 to 60 min. or unlimited (programmable)</td>
<td>1 to 60 min. or unlimited (programmable)</td>
</tr>
<tr>
<td>Power Source</td>
<td>100V AC to 240V AC, 0.25A, 50/60Hz</td>
<td>100V AC to 240V AC, 1.5A, 50/60Hz</td>
</tr>
<tr>
<td>DC Input</td>
<td>9V, 0.75A (6.75W)</td>
<td>48V, 1.38A (55.2W)</td>
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<tr>
<td>Dimensions</td>
<td>249 x 316 x 74 mm</td>
<td>275 x 376 x 117 mm</td>
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<tr>
<td>Weight</td>
<td>1.3 Kg</td>
<td>2.9 Kg</td>
</tr>
<tr>
<td>Memory Media</td>
<td>Flash Memory</td>
<td>HDD</td>
</tr>
<tr>
<td>Remote Modem</td>
<td>Modem Card [Max. 33,600 bps]</td>
<td>Modem Card</td>
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* With a SLT interface, the VPS can be connected to other PBXs.

### OPTIONAL ACCESSORIES

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<tr>
<th></th>
<th>KX-TVM50AL</th>
<th>KX-TVM200AL</th>
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<tbody>
<tr>
<td>KX-TVM502</td>
<td>2 - Port Hybrid Expansion Card</td>
<td>4 - Port Digital Expansion Card</td>
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<tr>
<td>KX-TVM524</td>
<td>Memory Expansion Card</td>
<td>Modem Card</td>
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<tr>
<td>KX-TVM594</td>
<td>MOD CARD</td>
<td>MOD CARD</td>
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<tr>
<td>KX-TVM296</td>
<td>MOD CARD</td>
<td>MOD CARD</td>
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MULTI CELL DECT SYSTEM

VOICE PROCESSING SYSTEM

KX-TDA30

KX-NCP50/1000

KX-TDE200/600

Panasonic

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For further information or the location of your nearest Panasonic Authorised Dealer, please telephone Panasonic Customer Care Centre on 132 600